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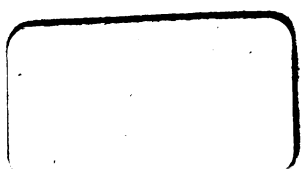
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CATALOGUE
OF
WILLIAMS COLLEGE

1922-1923



WILLIAMSTOWN, MASS.
PUBLISHED BY THE COLLEGE
1922

1922							1923							1924						
JULY							JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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15	16	17	18	19	20	21	14	15	16	17	18	19	20	15	16	17	18	19	20	21
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CALENDAR

1922-1923

1922

June 19—Commencement.....Monday
 July 1—Last day for re-application for scholarships.....Saturday

SUMMER VACATION

Sept. 15-20—Examinations for admission.....Fri., Sat., Mon., Tues., Wed.
 Sept. 20-21—Registration of all classes.....Wed., Thurs. forenoon
 Sept. 21—Beginning of the College Year.....Thursday
 Oct. 4—Mountain Day, a holiday.....Wednesday
 Oct. 5—Last day for registration for the Master's Degree.....Thursday
 Oct. 5—Meeting of the Board of Trustees.....Thursday
 Nov. 29—Warnings due.....Wednesday
 Nov. 29-Dec. 1—Thanksgiving Recess.....Wed. noon to Fri. 1:00 P. M.
 Dec. 20—Christmas Recess Begins.....4:00 P. M. Wednesday

1923

Jan. 4—Christmas Recess Ends.....7:45 A. M. Thursday
 Jan. 15-20—Registration for the second semester.....Mon. through Sat.
 Jan. 26—Recitations end.....Friday
 Jan. 27-Feb. 7—Semi-annual examinations.....Sat. through Wed.
 Feb. 8, 9, 10—Mid-year Recess.....Thurs., Fri., Sat.
 Feb. 10—First semester ends.....Saturday

Feb. 11—Second semester begins.....Sunday
 Feb. 22—A holiday (Washington's Birthday).....Thursday
 Apr. 11—Warnings due.....Wednesday
 Apr. 11—Spring Recess Begins.....4:00 P. M. Wednesday
 Apr. 19—Spring Recess Ends.....7:45 A. M. Thursday
 May 10—Meeting of the Board of Trustees.....Thursday
 May 30—A holiday (Memorial Day).....Wednesday
 June 6—Recitations end.....Wednesday
 June 7-18—Semi-annual examinations.....Thurs. through Mon.
 June 18-23—Examinations for admission.....Mon. through Sat.
 June 22—Meeting of the Board of Trustees.....Friday

Williams College Library, 4-13-23, g

WILLIAMS COLLEGE

June	22—Class Day exercises.....	Friday afternoon
June	22—Prize Rhetorical Exhibition.....	Friday evening
June	23—Alumni Meeting.....	Saturday forenoon
June	24—Baccalaureate Sermon.....	Sunday forenoon
June	24—Mission Park Meeting.....	Sunday afternoon
June	25—Commencement	Monday
June	30—Last day for re-application for scholarships.....	Saturday

SUMMER VACATION

Sept.	14-19—Examinations for admission.....	Fri., Sat., Mon., Tues., Wed.
Sept.	19-20—Registration of all classes.....	Wed., Thurs. forenoon
Sept.	20—Beginning of the College Year.....	Thursday
Oct.	5—Last day for registration for the Master's Degree.....	Friday
Oct.	11—Meeting of the Board of Trustees.....	Thursday

 1924

June	23—Commencement.....	Monday
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<i>Jackson Professor of Christian Theology, and Pastor of the College Church</i>	

WILLIAMS COLLEGE

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EDWARD TAYLOR BULLOCK, M.A. <i>Assistant Professor of Economics</i>	Williams Inn
VOLNEY HUNTER WELLS, PH.D. <i>Assistant Professor of Mathematics</i>	14 Southworth St.

* Absent on leave.

JOHN SABIN ADRIANCE, M.A.	The Perch
<i>Lecturer in Chemistry</i>	
SUMNER SALTER, B.A.	135 Main St.
<i>Director of Music</i>	
CHARLES FREDERICK SEELEY	College Place
<i>Instructor in Physical Education</i>	
ALBERT LOUIS CRU, <i>Bachelier ès Lettres</i>	228 Main St.
<i>Instructor in French</i>	
FREDERICK WYMAN WHITMAN, M.A.	232 Main St.
<i>Instructor in Romance Languages</i>	
HENRY WILLIAM TABUSCH, M.A.	35 Grace Court
<i>Instructor in English</i>	
CLIFFORD CHESLEY HUBBARD, M.A.	37 Southworth St.
<i>Instructor in Government</i>	
VERNET ELLER EATON, B.A.	Physical Laboratory
<i>Instructor in Physics</i>	
HARRY AUSTIN DEFERRARI, M.A.	Faculty Club
<i>Instructor in Romance Languages</i>	
AUSTIN ROGERS FREY, B.S.	College Place
<i>Instructor in Physics</i>	
CHARLES LUTHER GRAHAM, B.P.E.	32 Southworth St.
<i>Instructor in Physical Education</i>	
SHIRLEY WILCOX HARVEY, M.A.	Faculty Club
<i>Instructor in English</i>	
VÍCTOR ANDRÉS BELAUNDE, <i>Doctor en Letras y Jurisprudencia</i>	Williams Inn
<i>Instructor in Spanish</i>	
SHERWOOD PERRY SMEDLEY, B.A.	Grace Court
<i>Assistant in Chemistry</i>	
BRUNO MORITZ SCHMIDT, B.A.	55 Spring St.
<i>Assistant in Geology</i>	
WILLIAM HENRY GAUB, JR., M.S.	Biological Laboratory
<i>Assistant in Biology</i>	

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MABEL ALLSOP <i>Library Assistant</i>	Water St.

* Absent on leave.

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LILIAN MAY MUIR	<i>Secretary to the Dean</i>	North Adams
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LORETTA JULIA AGAN	<i>Stenographer</i>	North Adams

STANDING COMMITTEES OF THE FACULTY

1922-1923

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THE CHAIRMAN PRO TEMPORE OF THE FACULTY

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PROFESSOR PRATT

EDITOR OF THE CATALOGUE

ASSISTANT PROFESSOR AGARD

WILLIAMS COLLEGE

The college owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows:

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

Whereas, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which, after divers bequests, devises, and dispositions, is contained the following clause, viz.:

Item: "It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace, and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever; provided, the said township shall fall within the jurisdiction of the Province of Massachusetts Bay; and provided, also, the Governor and General Court give the same township the name of Williamstown; and it is further my will and desire, that if there shall remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented that it may be a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Williamstown)

has so far fallen within the jurisdiction of the Province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in said town; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same.

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands, applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose;

SECTION 2. Be it further enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thompson Joseph Skinner, Esquires, the Reverend Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of "The Trustees of the donation of Ephraim Williams, Esq., for maintaining a Free School in Williamstown"; and that the said trustees and their successors be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number not less than seven, nor more than nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all votes, acts, orders, and proceedings made, done or passed by the trustees; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to

the corporation and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth; and whenever any of the above-mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence, or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they shall judge necessary or useful in order to promote the best interests of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust; and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted, that the said trustees and their successors forever shall have the possession, management, and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from time to time, receive from the Supreme Judicial Court; and they are hereby empowered to

appoint and employ such instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their hands, and which are a part of the same donation; all of which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the names of the said executors, or one of them, and delivered as aforesaid shall become the property of the trustees to all intents and purposes; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promisors, mortgagors, or tenants, for recovering the contents of the same securities, or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed that in case his principal donations should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire; and whereas questions and disputes may arise touching the nature, meaning, and extent of this part of the will, and where there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court; and the trustees shall always conform their conduct and administration herein to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School * * * not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building, the trustees sent a petition, August 19, 1788, to the legislature, "for the grant of a lottery to raise the sum of twelve hundred pounds." Accordingly an act was passed February 11, 1789, making such a grant.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several circumstances attending the situation of the Free School * * * peculiarly favorable to a seminary of a more public and important nature." The petition was granted, and an act to establish the college and to transfer to it the property of the Free School was passed June 22, 1793:

AN ACT to establish a college in the County of Berkshire, within this Commonwealth, by the name of Williams College.

Be it enacted by the Senate and House of Representatives, in the General Court assembled, and by the authority of the same, that there be erected and established in the town of Williamstown, in the County of Berkshire, a college for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate, as hereafter in this act provided.

And be it further enacted by the authority aforesaid, that John Bacon, Esq., Rev. Daniel Collins, Israel Jones, Woodbridge Little, David Noble, Theodore Sedgwick, Thompson J. Skinner, Esquires, Rev. Seth Swift, Henry Vanscaak, Esq., Rev. Stephen West, D.D., William Williams and Elijah Williams, Esquires, together with the president of the said college for the time being, to be chosen as in this act is hereafter directed, be and hereby are created a body politic and corporate, by the name of "The President and Trustees of Williams College," and that they and their successors, and such others as shall be duly elected members of the said corporation, shall be and remain a body politic and corporate, by that name forever.

And be it further enacted by the authority aforesaid, that for the more orderly conducting the business of the said corporation, The President and Trustees shall have full power and authority from time to time, as they shall determine, to elect a vice president and secretary of the said corporation and to declare the tenures and duties of their respective offices and also to remove any trustee from the said corporation, when, in their judgment, he shall be rendered incapable, by age or otherwise, of discharging the duties of his office or shall neglect or refuse to perform the same, and to fill up all vacancies in the said corporation, by electing such persons for trustees as they shall judge best. Provided, nevertheless, that the number of the said trustees, including the president of the said college, for the time being, shall never be greater than seventeen nor less than eleven.

And be it further enacted that the said corporation may have one common seal, which they may change, break or renew, at their pleasure; and that all deeds signed and delivered by the treasurer, and sealed with their seal, by order of The President and Trustees, shall, when made in their corporate name, be considered in law as the deed of the said corporation; and that the said corporation may sue and be sued in all actions, real, personal or mixed, and may prosecute and defend the same to final judgment and execution, by the name of The President and Trustees of Williams College; and that the said corporation shall be capable of having, holding and taking in fee simple of any less estate, by gift, grant, devise, or otherwise, any lands, tenements or other estate real or personal. Provided, nevertheless, that the annual clear income of the same shall not exceed the sum of six thousand pounds.

And be it further enacted by the authority aforesaid, that the said corporation shall have full power and authority to determine at what times and places their meetings shall be holden and in the manner of notifying the trustees to convene at such meetings; and also from time to time, elect a president and treasurer of said college, and such professors, tutors, instructors, and other officers of said college as they shall judge most for the interest thereof, and to determine the duties, salaries, emoluments and tenures of their several officers aforesaid; the said president, for the time being, when elected and inducted into his office, to be, ex-officio, president of said corporation. And the said

corporation are further empowered to purchase or erect, and to keep in repair, such houses and other buildings as they shall judge necessary for the said college; and also to make and ordain, as occasion may require, reasonable rules, orders and by-laws, not repugnant to the laws of this Commonwealth, with reasonable penalties, for the good government of the said college; and also to determine and prescribe the mode of ascertaining the qualifications of the students, requisite to their admission; and also to confer such degrees as are usually conferred by universities established for the education of youth. Provided, nevertheless, that no corporate business shall be transacted at any meeting, unless seven at least of the trustees are present; and provided further, that the said corporation shall confer no degree other than those of Bachelor of Arts and Master of Arts, until after the first day of January, which shall be in the year of our Lord one thousand eight hundred.

And be it further enacted by the authority aforesaid, that the clear rents, issues and profits of all the estates, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of said college, in such manner as shall most effectually promote virtue and piety, and the knowledge of such of the languages, and of the liberal arts and sciences as shall hereafter be directed from time to time, by the said corporation.

And be it further enacted by the authority aforesaid, that the Hon. Thompson J. Skinner, Esq., be, and he is hereby authorized and empowered to fix the time and place for holding the first meeting of the said corporation, of which he shall give notice by an advertisement in the Stockbridge newspapers, at least fourteen days previous thereto.

And be it further enacted by the authority aforesaid, that the treasurer of the said college shall, before he enter upon the execution of the duties of his office, give bonds to the said corporation, with such sums, and with such sureties as they shall approve of, conditioned for the faithful discharge of the said office, and for rendering a just and true account of his doings therein, when required. And that all the money, securities and other property of The President and Trustees of Williams College, together with all the books in which his accounts and proceedings as treasurer were entered and kept, that shall be in his hands at the expiration of his office, shall, upon demand made upon him, his executors or administrators, be paid and delivered over to his successor in that office. And all monies recovered by virtue of any suit at law, upon said bond, shall be paid over to the president and trustees aforesaid, and subjected to the appropriation above directed in this act.

And be it further enacted by the authority aforesaid, that the Legislature of this Commonwealth may grant any further powers to, or alter, limit, annul or restrain any of the powers by this act vested in said corporation, as shall be judged necessary to promote the best interest of the said college; and, more especially, may appoint and establish overseers or visitors of the said college, with all necessary powers and authorities for the better aid, preservation and government thereof.

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred and ninety-three, and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows:

Whereas, Doubts have arisen whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of Ephraim Williams, Esquire, for maintaining a Free School in Williamstown, are by virtue of the same act transferred to and vested in the corporation of The President and Trustees of Williams College:

Be it therefore enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of The President and Trustees of Williams College, who are hereby authorized to commence and prosecute to their final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of Ephraim Williams, Esquire, for maintaining a free school in Williamstown, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805:

The Committee of both Houses, to whom was referred the petition of The President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future extensive benefits to society, and that a chapel for the purposes above mentioned would essentially promote the same; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following resolve:

Resolved, For reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians. * * *

In 1809 the legislature granted another township of land in Maine "for further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of \$9,500 was realized from the last two townships.

The legislature passed an act February 24, 1814, "for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences," and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received three-sixteenths, which amounted to \$30,000. In 1859 the state gave the college \$25,000 and in 1868, \$75,000. The total of these legislative gifts is \$153,500.

In 1883 the following act was passed:

AN ACT to authorize The President and Trustees of Williams College to hold additional real and personal estate.

[Be it enacted, etc., as follows:]

SECTION 1. The proviso in section 4 of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, is hereby amended so as to read: "Provided, nevertheless, that the clear annual income of the same shall not exceed two hundred thousand dollars."

SECTION 2. This act shall take effect upon its passage.

In 1890 the legislature passed the following act:

The corporation known as The President and Trustees of Williams College and its standing committees may hold special meetings without the limits of the Commonwealth.

In 1906 the legislature passed the following act:

AN ACT to authorize The President and Trustees of Williams College to hold additional real and personal property.

[Be it enacted, etc., as follows:]

SECTION 1. The proviso at the end of section four of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, as amended by chapter thirty-nine of the acts of the year eighteen hundred and eighty-three is hereby further amended by striking out the words "two hundred thousand," in the last line of the proviso, and inserting in place thereof the words:—one million,—so that the proviso will read as follows:—Provided, nevertheless, that the clear annual income of the same shall not exceed one million dollars.

SECTION 2. This act shall take effect upon its passage.

The principal college buildings with the dates of their erection are as follows: West College, 1790; East College, 1798, burned in 1841, rebuilt in 1842; Fayerweather Hall, 1842, formerly South College, remodeled and enlarged, 1905; Griffin Hall, 1828, moved and remodeled in 1904; Hopkins Observatory, 1837; Lawrence Hall, 1846, extensions added in 1890; Goodrich Hall, 1859, formerly the Alumni Hall Chapel, remodeled and converted into

recitation and seminar rooms in 1905; Field Memorial Observatory, 1882; Morgan Hall, 1882; Lasell Gymnasium, 1886; Hopkins Memorial Hall, 1890; Thompson Chemical Laboratory, 1892, burned in 1915, rebuilt in 1916; Thompson Biological Laboratory, 1893; Thompson Physical Laboratory, 1893; Jesup Hall, 1899; Thompson Memorial Chapel, 1904; Central Heating Plant, 1904; Berkshire Hall, 1905; Edward Clark Hall, 1908, original structure erected in 1881; Currier Hall, 1908; Chapin Hall, 1911; Williams Hall, 1911; Thompson Infirmary, 1911; Stetson Hall, 1922.

ADMISSION

All correspondence in matters of admission should be addressed to the Chairman of the Committee on Admissions. The final decision as to the admission of any candidate rests, in any case, with the Faculty.

REQUIREMENTS FOR ADMISSION

An application for admission should be filed by every candidate. It is desired that this be done not later than August 1 of the year in which the candidate proposes to enter college. A blank for this purpose is inserted in this catalogue. Additional copies may be secured from the Chairman of the Committee on Admissions.

Every candidate for admission must present a testimonial of good character from the principal under whom he was prepared for college. *This must be submitted before the attendance on college exercises begins.*

Candidates for admission to the Freshman class must present credit by examination or by certificate in the subjects listed below, as follows: *all* the subjects in List I, *one* of the combinations of subjects in List II, and *one* of the subjects in List III not otherwise selected. All students admitted to Williams College are candidates for the degree of Bachelor of Arts, and no provision is made for the acceptance of special students.

The notation used agrees with that of the College Entrance Examination Board.

LIST I (required of all)

English 1 and 2

*History E or G

Latin 1, 2, 4, and 5

Mathematics A and C

* Up to and including September, 1924, History A will be accepted in place of History E or G.

LIST II (one combination required of all)

- *French *A* and *B*
- *German *A* and *B*
- Greek *A*, *B*, *C*, and *G*
- *Spanish *A* and *B*
- Mathematics *B*, *D*, and *F* together with French *A*
or German *A* or Spanish *A*

LIST III (one subject, not otherwise selected, required of all)

†CLASS A	CLASS B
Biology	French <i>A</i>
Botany	French <i>B</i>
Chemistry	German <i>A</i>
Greek <i>A</i> and <i>B</i>	German <i>B</i>
†History <i>A</i>	Mathematics <i>B</i>
History <i>B</i>	Mathematics <i>D</i>
History <i>C</i>	Mathematics <i>F</i>
History <i>D</i>	Spanish <i>A</i>
Physics	Spanish <i>B</i>
Zoölogy	

The subjects in Class A may be presented by examination or by certificate, but they may not be employed to secure college credit.

The subjects in Class B may be presented either by examination or certificate for the fulfillment of the elective requirement. When offered, however, with the object of gaining college credit, the subjects in Class B must be presented by examination at the hands either of the College Entrance Examination Board in June or of Williams College in September, and a mark as high as 75 is necessary for such credit. Students may secure college credit in these subjects in Class B if offered at any time before the beginning of the third year in college. The following table of equivalents indicates the college credit which may be secured in this manner:

French <i>A</i>	equivalent to	French 1-2
French <i>B</i>	"	French 3-4
German <i>A</i>	"	German 1-2

* The passing of French *B* or German *B* or Spanish *B* does not entitle to credit in French *A* or German *A* or Spanish *A*.—See footnote, p. 52.

† It is recommended that the elective offered from this List be History *A*.

German <i>B</i>	equivalent to	German 3-4
Mathematics <i>B, D, F</i>	"	Mathematics 1-2
Spanish <i>A</i>	"	Spanish 1-2
Spanish <i>B</i>	"	Spanish 3-4

The number of courses required for graduation is twenty—ordinarily five in each college year. This number is reduced by one or more according to the number of courses in which college credit is gained as above stated.

The details of the requirements in all subjects except Biology, Botany, Chemistry, Physics, and Zoölogy are given in the following pages. English includes in every case English 1 and 2; Greek includes Greek *A, B, C*, and *G*; and Latin includes Latin 1, 2, 4, and 5, etc.

The details of the requirements in Biology, Botany, Chemistry, Physics, and Zoölogy are to be found in the publications of the College Entrance Examination Board.

ADMISSION OF STUDENTS OF HIGH SCHOLARSHIP

The following special provision is made for the admission of students of high scholarship who have not completed all the requirements in one or more of the subjects in Lists I and II, pages 30 and 31, but who have maintained a creditable record of scholarship in these subjects. Such a student who stands, on graduation from his preparatory school, in the first tenth of a class of not fewer than twenty graduates, may apply to the Chairman of the Committee on Admissions for the privilege of substituting subjects of List III, page 31, equivalent in number of units (see page 49) to those parts of subjects in which his preparation is incomplete. The Committee on Admissions is authorized in its discretion to accept such substitutes.

ADMISSION WITH CONDITIONS

A candidate who fails to meet in full the requirements indicated above may be admitted if he is not deficient in more than a single admission unit, see page 49. He will, however, be required later to pass an examination in the subject in which his deficiency occurs.

DETAILS OF SUBJECTS

ENGLISH

Definition of the Requirement for 1923-1925

Habits of correct, clear, and truthful expression. This part of the requirement calls for a carefully graded course in oral and written composition, and for instruction in the practical essentials of grammar, a study which ordinarily should be reviewed in the secondary school. In all written work constant attention should be paid to spelling, punctuation, and good usage in general as distinguished from current errors. In all oral work there should be constant insistence upon the elimination of such elementary errors as personal speech-defects, foreign accent, and obscure enunciation.

Ability to read with intelligence and appreciation works of moderate difficulty; familiarity with a few masterpieces. This part of the requirement calls for a carefully graded course in literature. Two lists of books are provided from which a specified number of units must be chosen for reading and study. The first contains selections appropriate for the earlier years in the secondary school. These should be carefully read, in some cases studied, with a measure of thoroughness appropriate for immature minds. The second contains selections for the closer study warranted in the later years. The progressive course formed from the two lists should be supplemented at least by home reading on the part of the pupil and by class-room reading on the part of pupils and instructor. It should be kept constantly in mind that the main purpose is to cultivate a fondness for good literature and to encourage the habit of reading with discrimination.

LIST OF BOOKS FOR 1923-1925

1 Books for Reading

From each group two selections are to be made, except that for any book in Group V a book from any other may be substituted.

GROUP I

Dickens: *A Tale of Two Cities*.
George Eliot: *Silas Marner*.
Scott: *Quentin Durward*.
Stevenson: *Treasure Island* or *Kidnapped*.
Hawthorne: *The House of the Seven Gables*.

GROUP II

Shakespeare: *Merchant of Venice*, *Julius Caesar*, *King Henry V*, *As You Like It*.

GROUP III

Scott: *The Lady of the Lake*.

Coleridge: *The Ancient Mariner*; and Arnold: *Sohrab and Rustum*.

A collection of representative verse, narrative and lyric.

Tennyson: *Idylls of the King* (any four).

The *Æneid* or the *Odyssey* in a translation of recognized excellence, with the omission, if desired, of Books I-V, XV, and XVI of the *Odyssey*.

GROUP IV

The *Old Testament* (the chief narrative episodes in *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings*, and *Daniel*, together with the books of *Ruth* and *Esther*).

Irving: *The Sketch Book* (about 175 pages).

Addison and Steele: *The Sir Roger de Coverley Papers*.

Macaulay: *Lord Clive*.

Parkman: *The Oregon Trail*.

Franklin: *Autobiography*.

GROUP V

A modern novel.

A collection of short stories (about 150 pages).

A collection of contemporary verse (about 150 pages).

A collection of prose writings on matters of current interest (about 150 pages).

Two modern plays.

All selections from this group should be works of recognized excellence.

2 Books for Study

One selection to be made from each group

GROUP I

Shakespeare: *Macbeth*, *Hamlet*.

GROUP II

Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*.

Browning: *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "*De Gustibus*—", *Instans Tyrannus*, *One Word More*.

GROUP III

Macaulay: *Life of Johnson*.

Carlyle: *Essay on Burns*, with a brief selection from Burns's *Poems*.

Arnold: *Wordsworth*, with a brief selection from Wordsworth's *Poems*.

GROUP IV

Burke: *Speech on Conciliation with America.*

A collection of orations, to include at least Washington's *Farewell Address*, Webster's *First Bunker Hill Oration*, and Lincoln's *Gettysburg Address*.

DESCRIPTION OF THE RESTRICTED EXAMINATIONS, 1923-1925

The examination will be in two parts. The first part will test powers of correct, clear, truthful expression. The candidate will write one or more compositions several paragraphs in length. For this purpose a list of eight or ten subjects will be provided. These may be suggested in part by the books recommended for reading, but a sufficient number from other sources will make it possible for the candidate to draw upon his own experience and ideas. He will not be expected to compose at a more rapid rate than three hundred fifty words an hour, but his work must be free from common errors in grammar, idiom, spelling, and punctuation, and should show that he understands the principles of unity and coherence. In addition, questions may be asked on the practical essentials of grammar, such as the construction of words and the relation of various parts of a sentence to one another.

The second part will test the faithfulness with which the candidate has studied the works recommended for study and his ability to grasp quickly the meaning of prose or verse that he has not previously seen and to answer simple questions on its literary qualities. The examination may call also for the writing of a short composition.

In connection with the second part of the examination the candidate may be required by the college to submit a statement certified by his principal specifying what books he has read during his secondary school course, and indicating the quality and character of his spoken English.

FRENCH**A Elementary French****First and Second Years****THE AIM OF THE INSTRUCTION**

At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English sentences taken from the language of everyday life or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar as defined below.

THE WORK TO BE DONE

During the first year the work should comprise:

- 1 Careful drill in pronunciation.
- 2 The rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives.

tives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax.

- 3 Abundant easy exercises, designed not only to fix in the memory the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression.
 - 4 The reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations based on the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read.
 - 5 Writing French from dictation.
- Suitable texts for the first year are: A well-graded reader for beginners; Bruno, *Le tour de la France*; Compayré, *Yvan Gall*; Laboulaye, *Contes bleus*; Malot, *Sans famille*.

During the second year the work should comprise:

- 1 The reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches.
- 2 Constant practice, as in the previous year, in translating into French easy variations based on the texts read.
- 3 Frequent abstracts, sometimes oral and sometimes written, of portions of the texts already read.
- 4 Writing French from dictation.
- 5 Continued drill upon the rudiments of grammar, with constant application in the construction of sentences.
- 6 Mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: Daudet, *Le Petit Chose*; Erckmann-Chatrian, stories; Halévy, *L'Abbé Constantin*; Labiche et Martin, *Le voyage de M. Perrichon*; Lavisse, *Histoire de France*.

B Intermediate French

Third Year

THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course.

THE WORK TO BE DONE

This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving

French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts for the third year are: Bazin, *Les Oberlé*; Dumas, novels; Mérimée, *Colomba*; Sandeau, *Mlle. de la Seiglière*; Tocqueville, *Voyage en Amérique*.

GERMAN

A Elementary German

First and Second Years

THE AIM OF THE INSTRUCTION

At the end of the elementary course in German the pupil should be able to read at sight, and to translate, if called upon, by way of proving ability to read, a passage of very easy dialogue or narrative prose, help being given upon unusual words and constructions, to put into German short English sentences taken from the language of every-day life or based upon the text given for translation, and to answer questions upon the rudiments of the grammar, as defined below.

THE WORK TO BE DONE

During the first year the work should comprise:

- 1 Careful drill upon pronunciation.
- 2 The memorizing and frequent repetition of easy colloquial sentences.
- 3 Drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs and the more usual strong verbs; also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order.
- 4 Abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression.
- 5 The reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations based on sentences selected from the reading lesson (the teacher giving the English), and in the reproduction from memory of sentences previously read.

Suitable texts for the first year* are: After one of the many Readers especially prepared for beginners,—Meissner, *Aus meiner Welt*; Blüthgen, *Das Peterle von Nürnberg*; Storm, *Immensee*, or any of Baumbach's short stories.

During the second year the work should comprise:

- 1 The reading of from 150 to 200 pages of literature in the form of easy stories and plays.

* During each year at least six German poems should be committed to memory.

- 2 Accompanying practice, as before, in the translation into German of easy variations upon the matter read and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages.
- 3 Continued drill upon the rudiments of the grammar, directed to the ends of enabling the pupil, first, to use his knowledge with facility in the formation of sentences, and, secondly, to state his knowledge correctly in the technical language of grammar.

Suitable texts for the second year* are: Gerstäcker, *Germelshausen*; Eichendorff, *Aus dem Leben eines Taugenichts*; Wildenbruch, *Das edle Blut*; Jensen, *Die braune Erica*; Seidel, *Leberecht Hühnchen*; Fulda, *Unter vier Augen*; Benedix, *Lustspiele* (any one). For students preparing for a scientific school a scientific reader is recommended.

B Intermediate German

Third Year

THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight German prose of ordinary difficulty, whether recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word-formation, and to translate and explain (so far as explanation may be necessary) a passage of classical literature taken from some text previously studied.

THE WORK TO BE DONE

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation.

Suitable texts for the third year* are: Heyse, Riehl, Keller, Storm, Meyer, Ebner-Eschenbach, W. Raabe, *Novellen or Erzählungen*; Schiller, *Wilhelm Tell*; Freytag, *Die Journalisten*; Heine, *Harzreise*.

GREEK

- A1 **Grammar:** The inflections; the simpler rules for composition and derivation of words; syntax of cases and verbs; structure of sentences in general, with particular regard to relative and conditional sentences, indirect discourse, and the subjunctive.

* During each year at least six German poems should be committed to memory.

A2 Elementary Prose Composition, consisting principally of detached sentences to test the candidate's knowledge of grammatical construction.

The examination in grammar and prose composition will be based on the first two books of Xenophon, *Anabasis*.

B Xenophon: The first four books of the *Anabasis*.

C Homer—*Iliad*, I—III: The first three books of the *Iliad* (omitting II, 494-end), and the Homeric constructions, form, and prosody.

G Sight Translation of Attic Prose of no greater difficulty than Xenophon, *Anabasis*.

HISTORY

In each of the subjects the following preparation is required:

- 1 Historical instruction in a high school or academy for one year to the extent specified in the definition of the Unit of Admission Requirements.
- 2 The study of an accurate historical text-book, in which not less than 500 pages of text are devoted to the particular subject.
- 3 Collateral reading of appropriate selections, in books of a less elementary nature, amounting to at least 500 pages.
- 4 The ability to compare historical characters, periods, and events, and in general the power to combine in orderly fashion the results of reading.
- 5 The ability to locate places historically important and to describe territorial changes and other historical movements on an outline map, acquired from the study of physical as well as political geography with the aid of map work.

A Ancient History

The course should devote one half of the year to the study of the history of the ancient Orient and of Greece as far as the death of Alexander and the break-up of his empire, with the study of Western Hellas to the death of Timoleon. The second half year should be devoted to the study of the history of Rome as far as the death of Charlemagne. During this half year time should be found for the study of the Hellenistic Period of Greek history and the merging of the story of Greece with the story of Rome.

Since not more than one-tenth of the whole time available can be allotted to the study of the history of the Orient, only so much of its narrative history should be studied as will hold the story together and fix its geography and its time relations, including some fixed dates of early chronology. Emphasis should be laid, not upon the details of military and political history, but upon the civilization developed by the different peoples of the Orient, with particular reference to the contributions which they made to later ages.

When we pass to the study of Greek history, little time should be spent on the period prior to the Persian Wars, except to deal concretely with Homeric society and to emphasize the expansion of Hellas. From the Persian Wars to the death of Alexander the study should be exact and thorough, with special reference to the political, intellectual, and artistic development of Hellas during the Age of Pericles. Instead of trying to trace the constitutional development of Athens and of Sparta from the beginning, the working of government in these states at this, the time of their maturity, should be mastered.

In the period following the death of Alexander no attempt should be made to follow the intricate political history of the time, but opportunity should be taken either at this point or preferably in the second half year, just prior to studying the Roman conquest of the East, to dwell upon federal government in Greece and bureaucratic government in Egypt; upon science, philosophy, literature, art, and especially religion—the decaying religion of Greece and the expanding cults in the East—in a word, upon the formation of the mixed Græco-Oriental culture of which Rome became the heir.

At the beginning of the second half year the history of Rome to about the year 300 B. C. should be covered very rapidly; the Roman religion being made the most important subject of study. The attempt should be made rather to understand the organization and working of Senatorial government in the third and second centuries B. C. than to trace the changes made in Roman institutions in the fifth and fourth centuries. From 300 B. C. to the death of Marcus Aurelius the study must be relatively detailed and thorough. After this period the course should move rapidly, lingering only on the reigns of Diocletian, Constantine, and Justinian. The period of, and after, the Barbarian Invasions must be viewed from the Roman side. Hence little attention should be given to Germanic or Mohammedan migrations and institutions and to the beginnings of the modern nations, but emphasis should be placed upon those institutions which helped to preserve and to pass on to later ages the contributions of Roman civilization; as, for example, the development of Roman law and of the Christian Church. Throughout, wherever possible, the treatment should be biographical.

B Medieval and Modern History

The broad plan of this course should be to devote one-quarter of the year's work to the period prior to about 1300 A. D. closing with the death of Pope Boniface VIII; the second quarter should carry forward to about 1660, closing with the readjustments in the treaties of Westphalia and of the Pyrenees; the third quarter should close with the Congress of Vienna in 1815; and the work of the fourth quarter should be adjusted so as to give the last half of the time to events since 1878, with the purpose of explaining clearly the causes and the issues of the war of 1914.

The contribution of the Roman Empire, the Germans, the Christian Church, and Mohammedanism to medieval civilization, form the introduction to the study of feudalism, the crusades, the formation of European states, and the varied aspects of medieval society. The several phases of the Renaissance and of the Reformation should be supplemented by study of the discoveries outside of Europe and of colonial rivalries. The absolute monarchy of Louis XIV, the enlightened despotism of Frederick the Great, and the republican government of Revolutionary France should be explained as types in the development of government on the continent. While the Napoleonic period should not be neglected special emphasis should be laid upon the Industrial Revolution, its political and social aspects, upon the growth of nationalism and democracy, and upon the economic expansion of European states outside of Europe.

C Modern History

After a brief survey of the international and colonial developments since the age of discovery, the course should begin with a cross-section of the governmental, social, and cultural conditions in Europe about 1660 A. D. The absolute monarchy of Louis XIV, the parliamentary government of England, the enlightened despotism of Frederick the Great, and the republican government of Revolutionary France and the imperialism of Napoleon should be studied as types of government in the transition from medieval feudalism to present-day democracy. Attention should be given to the growth of national states and to the leading international and colonial problems since 1660 which culminate in the British Empire with its self-governing dominions, the partition of Africa, the awakening of the Far East, and the great international rivalries of the present generation. Emphasis should be laid upon the Industrial Revolution—its political and social aspects—and some attention should be given to the leading features of the internal history of England, France, and Germany. The study of the last half century should include some account of the great material changes, important inventions, and intellectual, social, and humanitarian movements.

D English History

The division of the work between the two half years should be made at about 1660.

During the first half year, the periods of the early Plantagenets (Henry II and Edward I), of the Tudors, and of the early Stuarts should receive emphasis. Through the economic conditions and the relations with Scotland and France and later with Spain are interesting as well as important, some attention should be given to such more difficult topics as Anglo-Norman feudalism; the origins of the Constitution, especially the Great Charter and the rise of Parliament; and the development from feudal monarchy towards parliamentary government. Some attempt also should be made to explain the development and

character of the Christian Church in England, its relations with the papacy, the later severance of these relations, the establishment of the national church, and the Puritan movement.

In the second half year, starting with the Restoration, attention should first be given to the continued struggle between Crown and Parliament culminating in the establishment of responsible government. In studying the great wars with France, attention should be directed to the commercial and colonial expansion in America and in the East. With regard to imperial policy, the causes and effects of the Scottish and Irish unions and the revolt of the American colonies should be explained. The study of the revolution in agriculture, industry, and transportation should include some consideration of the consequent political and social reforms. Since the Reform Act of 1867, emphasis should be laid upon the more important reforms affecting economic, social, and political life, and upon the problem of Ireland. Some idea should be given of the growth and nature of British power in India, and the problem of imperial organization.

In general, it is desirable to emphasize the important epochs and the greater movements rather than to give each reign equal stress; to trace developments in so far as possible; to secure a clear comprehension of the more influential personalities; and to show the relations of English history to the history of other countries, especially the United States.

E American History

The course in American history should be so arranged that the work of the first half year will include the administration of John Quincy Adams, while that of the second half year will include events of recent occurrence. In the work of the first half year considerably more time should be spent on the period from 1763 to 1829 than on the period from early times to 1763; and in the work of the second half year more time should be given to the period since the Civil War than to that before.

For the guidance of both teachers and students the following suggestions are made:

- 1 That such topics as the routes of the principal discoverers and explorers, the resulting claims and settlements, campaigns of the principal wars, and territorial growth of the United States be studied primarily as map work.
- 2 That the European background should be given particular attention during the colonial period and during the national period to 1823.
- 3 That the various attempts at colonial union, the experiments in federal government, and the growth of federal power be especially emphasized.
- 4 That too much time should not be given to the topics of slavery, secession, and the reconstruction period. Instead, special attention should be paid to territorial expansion, and social and industrial growth.

- 5 That special importance should be accorded the policy of the United States in foreign affairs, tariff, banking, civil service, currency, corporation control, conservation of natural resources, capital and labor, and other present-day problems.
- 6 That familiarity with the lives of great Americans should be especially encouraged.

G American History and Civil Government

Candidates who wish to offer American history and civil government should devote approximately two-thirds of the allotted time to the study of American history and one third to the study of civil government. How this division of time should be arranged must be left to the experience of the individual teachers since practice has been found to vary so widely that no general direction can be given.

In the time devoted to the study of American history the course should cover lightly the period of discovery and settlement and the colonial period to 1763. The period from 1763 to 1837 should be covered with care. In the same way less emphasis may be placed upon the period from the end of the administration of Andrew Jackson to 1865 in order that time may be found to stress the period since the Civil War.

In the time devoted to the study of civil government the student should make a careful study of the Constitution of the United States, of the federal government, its powers, organization, and workings; should understand the relations between the state and the federal government, and the general nature and extent of the powers reserved to the states.

The examiners in preparing the question papers will be influenced by the consideration that the work of this course must be done more thinly than in Course E and with much less time for collateral reading.

For the guidance of both the teacher and the student, the following suggestions are made:

- 1 That such topics as the routes of the principal discoverers and explorers, the resulting claims and settlements, campaigns of the principal wars, and the territorial growth of the United States be studied as map work.
- 2 That the various attempts at colonial union, the experiments in federal government, and the growth of federal power be especially emphasized.
- 3 That too much time should not be given to the topics of slavery, secession, and the reconstruction period. Instead special attention should be paid to territorial expansion, and social and industrial growth.
- 4 That special importance should be accorded the policy of the United States in foreign affairs, tariff, banking, civil service, currency, corporation control, conservation of natural resources, capital and labor, and other present-day problems.

- 5 That familiarity with the lives of great Americans should be especially encouraged.

The following topics should be mentioned:

- 6 The purposes of government, including prevention of crime, care of dependents, preservation of public health, education, taxation, immigration, and control of commerce.
- 7 The division of power and of activities among federal, state, and local governments.
- 8 The federal government: its organization and working.
- 9 State government: its organization, scope, and problems.
- 10 Parties: their function and organization; the machinery of nomination and election.
- 11 Attempts at reform: initiative and referendum, recall, short ballot, etc.

NOTE—The above list is not intended to be exhaustive, but rather to suggest such representative topics as should be included in the school course.

LATIN

I Amount and Range of the Reading Required

1 The Latin reading, without regard to the prescription of particular authors and works, shall not be less *in amount* than Cæsar, *Gallic War*, I–IV; Cicero, the orations against *Catiline*, for the *Manilian Law*, and for *Archias*; Vergil, *Æneid*, I–VI.

2 The amount of reading specified above shall be selected by the schools from the following authors and works: Cæsar, *Gallic War* and *Civil War*, and Nepos, *Lives*; Cicero, orations, letters, and *De Senectute*; Sallust, *Catiline* and *Jugurthine War*; Vergil, *Bucolics*, *Georgics*, and *Æneid*; and Ovid, *Metamorphoses*, *Fasti*, and *Tristia*.

II Scope of the Examinations

1 **Translation at Sight.** Candidates will be examined in translation at sight of both prose and verse. The vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

2 **Prescribed Reading.** Candidates will be examined also upon the following prescribed reading:

In 1923, 1924, and 1925. Cicero, the fourth oration against *Catiline* and the oration for the *Manilian Law*; Vergil, *Æneid*, I and IV; Ovid, *Metamorphoses*, Book III, 1–137 (*Cadmus*); IV, 55–166 (*Pyramus and Thisbe*), and 663–764 (*Perseus and Andromeda*); VI, 165–312 (*Niobe*); VIII, 183–235 (*Dædalus and Icarus*); X, 1–77 (*Orpheus and Eurydice*); XI, 85–145 (*Midas*).

Accompanying the different passages will be questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both parts of the paper, or they will not be given credit for either part.

3 **Grammar and Composition.** The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

SUBJECTS FOR EXAMINATION

- 1 **Grammar.** The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).
- 2 **Elementary Prose Composition.** The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).
- 4 **Cicero** (the fourth oration against *Catiline* and the oration for the *Manilian Law*) and **Sight Translation of Prose.** The examination will presuppose the reading of the required amount of prose (see I, 1 and 2).
- 124 **Latin 1, 2, and 4 combined.**
- 5 **Vergil** (*Aeneid*, I and IV; Ovid, *Metamorphoses*, Book III, 1-137 (*Cadmus*); IV, 55-166 (*Pyramus and Thisbe*), and 663-764 (*Perseus and Andromeda*); VI, 165-312 (*Niobe*); VIII, 183-235 (*Daedalus and Icarus*); X, 1-77 (*Orpheus and Eurydice*); XI, 85-145 (*Midas*)) and **Sight Translation of Poetry.** The examination will presuppose the reading of the required amount of poetry (see I, 1 and 2).

MATHEMATICS

A Elementary Algebra; Algebra to Quadratics and beyond

A1 Algebra to Quadratics

The four fundamental operations for rational algebraic expressions.

Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and the negative.

A2 Quadratics and beyond

Quadratic equations, both numerical and literal.

Simple cases of equations with one or more unknown quantities that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the n th term and the sum of the terms of arithmetical and geometrical progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

B Advanced Algebra

Permutations and combinations, limited to simple cases.

Complex numbers, with graphical representation of sums and differences.

Determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations.

Numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's method, but not Sturm's functions or multiple roots.

C Plane Geometry

The usual theorems and constructions of good text-books,* including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of lines and plane surfaces.

D Solid Geometry

The usual theorems and constructions of good text-books,* including the relations of planes and lines in space; the properties and measurement of prisms, cylinders, and cones; the sphere and the spherical triangle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of surfaces and solids.

* The examination questions in Plane Geometry and Solid Geometry will be limited to propositions contained in the syllabus issued by the National Committee of fifteen appointed by the American Federation of Teachers of the Mathematical and Natural Sciences and the National Education Association.

F Plane Trigonometry

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas.

Solution of trigonometric equations of a simple character.

Theory and use of logarithms (without the introduction of work involving infinite series).

The solution of right and oblique triangles and practical applications.

SPANISH**A Elementary Spanish****First and Second Years****THE AIM OF THE INSTRUCTION**

At the end of the elementary course the pupil should be able to pronounce Spanish accurately, to read at sight easy Spanish prose, to put into Spanish simple English sentences taken from the language of everyday life or based upon a portion of the Spanish text read, and to answer questions on the rudiments of the grammar, as defined below.

THE WORK TO BE DONE

During the first year the work should comprise:

- 1 Careful drill in pronunciation.
- 2 The rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the inflection of nouns, adjectives, and pronouns, and the elementary rules of syntax.
- 3 Abundant easy exercises, designed not only to fix in the memory the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression.
- 4 The reading of about 100 pages of graduated texts, with constant practice in translating into Spanish easy variations based on the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read.
- 5 Writing Spanish from dictation.
- 6 Memorizing of Spanish passages of conversational prose and of simple verse.

Suitable texts for the first year are: A carefully graded reader for beginners; Juan Valera, *El pájaro verde*; Pérez Escrich, *Fortuna*; Altamirano, *La navidad en las montañas*.

During the second year the work should comprise:

- 1 The reading of about 200 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches.
- 2 Constant practice, as in the previous year, in translating into Spanish easy variations upon the texts read.
- 3 Frequent abstracts, sometimes oral and sometimes written, of portions of the text already read.
- 4 Continued study of the elements of grammar and syntax, and the use of a composition-book.
- 5 Mastery of all but the rare irregular verb forms and of the simpler uses of the modes and tenses.
- 6 Writing Spanish from dictation.
- 7 Memorizing of Spanish passages of conversational prose and of simple verse.

Suitable texts for the second year are: A collection of short stories by different authors; a collection of brief comedies; a collection of easy lyrics (Spanish and Spanish-American) or of verse fables; a Spanish or Spanish-American historical reader; Alarcón, *El Capitán Veneno*; Carrión and Aza, *Zaragüeta*; Frontaura, *Las tiendas*; Quintana, *Vasco Núñez de Balboa*; Jorge Isaacs, *María*; Palacio Valdés, *José*; Mármol, *Amalia*.

B Intermediate Spanish

Third Year

THE AIM OF THE INSTRUCTION

At the end of the intermediate course the pupil should be able to read at sight ordinary Spanish prose or simple poetry, to translate into Spanish a connected passage of English based on the text read, to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course, and to carry on a simple conversation in Spanish.

THE WORK TO BE DONE

This should comprise the reading of from 300 to 400 pages of Spanish of ordinary difficulty; constant practice in giving Spanish paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the discussion in Spanish of the main facts of Spanish and Spanish-American geography, history, and customs, for the study of which the teacher will provide the material; the study of a grammar of moderate completeness; the use of a composition-book; writing from dictation.

Suitable texts for the third year are: Taboada, *Cuentos alegres*; Isla's version of the *Gil Blas*; Selgas, *La mariposa blanca*; Pérez Galdós, *Doña Perfecta*; Palacio Valdés *La Hermana San Sulpicio*; a collection of essays dealing with Spanish or Spanish-American life and customs; Moratín, *El sí de las niñas*; Larra, *Partir a tiempo*; plays of the Alvarez Quintero brothers; plays of Benavente.

ASSIGNMENT OF UNITS

In the terms of the scale of values adopted by the National Conference Committee on Standards of Colleges and Secondary Schools, where the unit represents one year's work in a secondary school, with four or five periods per week, the admission subjects listed above have weights assigned as follows:

Biology	1 unit
Botany	1 "
Chemistry	1 "
English 1	2 units
English 2	1 unit
French A	2 units
French B	1 unit
German A	2 units
German B	1 unit
Greek A	1 "
Greek B	1 "
Greek C	1 "
History A	1 "
History B	1 "
History C	1 "
History D	1 "
History E	1 "
History G	1 "
Latin 1	1 "
Latin 2	1 "
Latin 4	1 "
Latin 5	1 "
Mathematics A1	1 "
Mathematics A2	1 "
Mathematics B	$\frac{1}{2}$ "
Mathematics C	1 "
Mathematics D	$\frac{1}{2}$ "
Mathematics F	$\frac{1}{2}$ "
Physics	1 "
Spanish A	2 units
Spanish B	1 unit
Zöology	1 "

ARRANGEMENT OF EXAMINATIONS FOR ADMISSION

Examinations for admission are held twice each year, in June and in September.

In June the admission examinations of the college are those of the College Entrance Examination Board, of which Williams College is a member. An application for the privilege of taking these examinations must be made to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York, N. Y., from whom all necessary information regarding the June examinations can be obtained. These examinations are held annually in June in Williamstown, and at many other places throughout the country.

COLLEGE ENTRANCE EXAMINATION BOARD

Examinations, June 18-23, 1923

The application for examination should be addressed to the College Entrance Examination Board, 431 West 117 Street, New York, N. Y. It should be made upon a blank form to be obtained from the Secretary of the College Entrance Examination Board upon request.

If the application is received sufficiently early the examination fee will be \$9.00 for candidates examined in the United States and Canada and \$20.00 for candidates examined elsewhere. The fee, which should accompany the application, should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

Applications and fees of candidates who wish to be examined outside of the United States and Canada should reach the Secretary of the Board at least six weeks in advance of the first day of the examinations, that is, on or before May 7, 1923.

Applications and fees of candidates who wish to be examined in the United States at points west of the Mississippi River or in Canada should be received at least four weeks in advance of the first day of the examinations, that is, on or before May 21, 1923.

Applications and fees of candidates who wish to be examined in the United States at points east of the Mississippi River or on the Mississippi River should be received at least three weeks in advance of the first day of the examinations, that is, on or before Monday, May 28, 1923.

When the candidate has failed to obtain the required blank form of application for examination the usual examination fee will be accepted if the fee arrives not later than the specified date accompanied by a memorandum containing the name and address of the candidate, the exact examination center selected and a list of all the subjects in which he may have occasion to take the Board examinations.

Applications received later than the dates named will be accepted when it is possible to arrange for the examination of the candidates concerned, but only upon the payment of an additional fee.

A list of the places at which examinations are to be held in June, 1923, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the College Entrance Examination Board not later than February 1. The designation of the center to which the candidate will go for examination is regarded as an indispensable part of the candidate's application for examination.

Detailed definitions of the requirements in all examination subjects are given in a circular of information published annually by the College Entrance Examination Board. The edition published August 1, 1921 was designated as Document No. 101. A new edition which will be designated as Document No. 105 will appear December 1, 1922. Upon request a single copy of this document will be sent to any teacher without charge. In general a charge of twenty cents, which may be remitted in postage, will be made.

The marks given by the Board to the papers submitted will be accepted by the college on the same terms as the results of the examinations conducted by the college in September. Candidates for admission to Williams College should forward the results of their examinations, *as soon as they are received from the Board*, to the Chairman of the Committee on Admissions, Williams College, Williamstown, Mass.

The custom of sending examination papers from the college in June to preparatory schools for the use of candidates desiring to take the Williams College examinations there is not employed.

In September the admission examinations are given only by the college and do not include the subjects, Biology, Botany, Chemistry, Physics, and Zoölogy. They will be held for the next college year in rooms 11 and 15, Hopkins Hall, and in room 5, Griffin Hall, on the Friday, Saturday, Monday, Tuesday, and Wednesday before the beginning of the first semester, i. e., September 14-19, 1923, as follows:

FRIDAY, SEPT. 14

8 A. M.—*French A

2 P. M.—*German A

*Spanish A

* The examination at the college in September includes an oral test in pronunciation.

WILLIAMS COLLEGE

SATURDAY, SEPT. 15

8 A. M.—*French *B*
2 P. M.—*German *B*
 *Spanish *B*

MONDAY, SEPT. 17

8 A. M.—English *1*
10 A. M.—English *2*
2 P. M.—Greek *A, B, C, and G*
 Mathematics *B, D, and F*

TUESDAY, SEPT. 18

8 A. M.—Latin *1, 2 and 4*
2 P. M.—Mathematics *A and C*

WEDNESDAY, SEPT. 19

8 A. M.—History *A, B, C, D, E, and G*
2 P. M.—Latin *5*

Examinations in Biology, Botany, Chemistry, Physics, and Zoölogy are offered in June only.

It is desired that candidates for admission to Williams College by examination take only the examinations offered by the College Entrance Examination Board in June and by the college in September. Official statements showing that candidates have passed admission examinations at another college or university may be accepted in case the candidate decides to transfer his application for admission from such other college or university to Williams College. But the examinations of the September in which the candidate seeks admission may not be taken elsewhere than at Williams College.

The passing mark, for both preliminary and final admission credit, is sixty in all admission subjects, a mark of seventy-five being necessary, however, in any subject offered for college credit. (See pages 56 and 57.)

* Candidates for admission are required to gain credit in French *A*, German *A*, or Spanish *A* before trying French *B*, German *B*, or Spanish *B*, respectively, in September. See footnote, page 31.

COMPREHENSIVE EXAMINATIONS

The comprehensive examinations given in June by the College Entrance Examination Board will be accepted for what they cover in Chemistry, English, French, German, Greek, Latin, Mathematics, Physics, and Spanish. No comprehensive examinations are offered by the college in September; an examination paper combining Latin 1, 2, and 4 is given.

PRELIMINARY ADMISSION EXAMINATIONS

Preliminary examinations in any of the requirements for admission may be taken a year or more in advance; but, in accordance with the rules of the College Entrance Examination Board, the candidates for such examinations in June should submit in advance, from the principals of their schools, certificates specifying that their teachers consider them prepared in the subjects selected; *while candidates for preliminary examinations in September must submit such certificates of preparation and also satisfactory evidence that they have made a thorough review during the summer.* Blank forms for use in submitting evidence of fitness for preliminary examinations in September may be obtained from the Chairman of the Committee on Admissions. Such a form, properly filled out, should be submitted by every preliminary candidate not later than one week before the beginning of the September examinations.

The examination will in all cases cover the whole of each subject offered by the candidate; for example, Greek *B*, Latin *4*, or Mathematics *C* may not be divided between the preliminary and the final examinations.

In order to prevent interruption to studies that may be continued in college, candidates are advised to reserve the following subjects for the final examinations: English *2*, a part of the modern language offered, Greek *C*, Latin *4* or *5*, and Mathematics *A2* or *C* (or Mathematics *B*, *D*, and *F*, if these subjects are offered).

The times and places of the preliminary examinations, as well as the questions submitted and the mark required for passing, are the same as for the regular final examinations.

ADMISSION BY CERTIFICATE

Under certain conditions specified below, certificates made out on prescribed forms and signed and submitted by the principals of approved preparatory schools are accepted in place of examinations in the various admission subjects. Certificates will, however, not be accepted for French *A* or *B*, German *A* or *B*, Spanish *A* or *B*, or Mathematics *B*, *D*, or *F*, *when offered for college credit*, or for the anticipation of any course of study offered in college.

The certificates of the schools approved by the New England College Entrance Certificate Board are accepted, in accordance with the regulations of the college and subject to the rules of the Board, for admission to Williams College. Certificates are not accepted from any schools in New England which lack the approval of that Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Dean Frank W. Nicolson, M.A., Wesleyan University, Middletown, Conn. Applications must be received by the Secretary before April 1 in order to be regularly approved for the next college year.

Certificates are also accepted from schools approved by the Board of Regents of the State of New York and by the North Central Association of Colleges and Secondary Schools.

Application for the certificate privilege, or for renewal of the privilege, for schools not on the accredited lists of the above organizations should be made by the principal on a blank provided for the purpose by the Chairman of the Committee on Admissions.

These applications will ordinarily be granted if the school has at least one candidate nearly prepared for admission to Williams College, and if the Faculty of the college has such information concerning the work of the school as seems to it to warrant granting the privilege. In general, a school that has recently sent to the college by examination properly trained students is considered entitled, on application, to receive the certificate privilege and to retain it as long as there is no radical change in the efficiency of the school; but any school will be dropped from the approved list

whenever, for a period of five years, it has sent no students to the college. A school thus dropped may apply for renewal of the privilege whenever it has a candidate nearly ready for admission.

The certificate privilege is not granted to private tutors, and it is not to be used for any work done with private tutors, but only for work done regularly in the school whose principal signs the certificate.

The certificate privilege is revocable in all cases where, in the opinion of the Faculty of the college, it is not properly used.

Certificates must be made out on blank forms furnished by the Chairman of the Committee on Admissions, and in accordance with the instructions contained therein.

The certificate method of admission is intended for use only in connection with students whose scholarship has been of good order in school, and it is therefore expected that the certificate will include at least two-thirds of the total number of units required for admission. To coöperate with those schools which require a higher grade of work for certification than for graduation the college will, however, accord credit for any reasonable number of subjects in which, in the opinion of the principal, certification grade has been attained by the candidate.

A student who has failed to pass the admission examinations in September at this or any other college will not be admitted by certificate unless he has had, since such failure, at least a year of study in the school issuing the certificate.

Certificates will not be accepted for any subject in which a student has failed at the admission examinations, until he has reviewed the subject in school.

Freshmen who have entered by certificate and have subsequently been dismissed for failure to matriculate may reënter with the next class on such terms as the Committee on Admissions may prescribe.

When a year or more has passed between the time of completion of the work for which the certificate vouches and the time of admission to college, satisfactory evidence that the candidate has kept up his studies in the interval is required.

Certificates must be signed by the principal of the school (or some officer duly qualified to act in his stead) who by his signature assumes responsibility for the candidate's preparation in the subjects certified. All certificates are to be sent to the Chairman of the Committee on Admissions, and they should be submitted as soon as possible after the completion of the school year in June.

Copies of the prescribed form will be sent to the principal of any approved school on request, but they are not sent to other persons.

The diplomas "with credit," and marks as high as seventy-five per cent in individual subjects, gained at the examinations of the Board of Regents of the State of New York, are accepted for what they cover in all admission subjects prescribed by Williams College.

ANTICIPATION OF COLLEGE COURSES

I Subjects in the Admission Lists

Any college course included among the admission subjects in Class B listed on page 31 of this catalogue, if offered in addition to the subjects required in the student's chosen admission list, may be counted as contributing toward his degree provided that it is passed with a mark as high as 75 at the admission examinations of the College Entrance Examination Board in June or of Williams College in September.

The college courses which may be anticipated thus by passing the corresponding admission examinations of the College Entrance Examination Board in June or at the college in September are the following:—French 1-2, French 3-4, German 1-2, German 3-4, Mathematics 1-2, Spanish 1-2, Spanish 3-4. (See pages 31 and 32 for table of equivalents.)

II Subjects not in the Admission Lists

Any student may be allowed, by special vote of the Faculty, to anticipate by examination a course of study not included among those mentioned in the above paragraph, if he gives evidence of having had satisfactory instruction in the subject in some school or college. In such anticipatory examinations, a grade as high as B is required.

GRADUATION IN THREE YEARS

A student who is able to anticipate at admission, in accordance with the above rules, at least two college courses, may, by taking the requisite number of extra courses, complete the requirements for graduation in three years; but the Faculty will decline to permit a student to undertake this unless his general scholarship is of high order.

ADMISSION TO ADVANCED STANDING

Students who come from other colleges and who bring certificates of honorable dismissal may, on proof of their qualifications, be admitted to a corresponding standing in this college.

All correspondence in matters of admission to college should be addressed to the Chairman of the Committee on Admissions.

CURRICULUM

GENERAL DESCRIPTION

The curriculum of Williams College provides, in the first place, for a distribution of the student's work among the three Divisions of

- I Foreign Languages
- II English, History, Government, Economics, Philosophy
- III Sciences

and, in the second place, for the concentration of part of his work in one well-defined field. Distribution of work is secured in Freshman year by a system of requirements and options based upon entrance credits; and in subsequent years by the requirement that every student shall take, after the completion of Freshman year, at least two year-courses in each of the Divisions other than the one in which his work is concentrated; at least one course in each of these Divisions must be taken in Sophomore year. No course in Spanish, and no year-course of admission grade in French or German (French 1-2, French 3-4, German 1-2,* or German 3-4,*) will be accepted as satisfying the foregoing Division requirement. Concentration of work is secured by requiring each student to choose a Major Group consisting in general of an introductory Sophomore course, three prescribed courses in Junior year, and two advanced year-courses, or their equivalent in semester courses, in Senior year. Aside from the restrictions resulting from Major Groups and Division choices, the student's work is elective.

The Exhibit of Divisions and Major Groups is given on pages 64-66. All elections are subject to the prerequisites published on pages 69-102.

* Because of the failure of many preparatory schools to teach German during recent years, German 1-2 and German 3-4, if taken in college before Junior year, will for the present be accepted in satisfaction of the Division requirement.

Any student of very high scholarship may, with the written approval of the professors concerned, petition the Faculty for greater freedom of election of courses in the Junior and Senior years than is afforded by the arrangement of the curriculum. Such petitions will be referred to the Advisory Committee for consideration and report to the Faculty, and will be decided with a view to the establishment in due time of a system of honors courses. The recent introduction of pro-seminar courses in several departments is a step in this direction.

FRESHMAN YEAR

In the Freshman year a student must continue Latin or Greek and must elect four other courses, three from certain prescribed options and one from any courses open to Freshmen for which he has the proper prerequisites.

SOPHOMORE YEAR

The student must take five courses, at least one in each Division, from those open to Sophomores. One of these shall serve as the introductory course of the Major Group which is to be selected at the end of the Sophomore year. The restrictions concerning the election of modern language courses as Division choices must be observed.

JUNIOR YEAR

Each student must take the three courses of the Major Group that he has selected. He must also elect two other courses. If he has not during the Sophomore year completed the Division requirement, he must do so in either the Junior year or the Senior year.

SENIOR YEAR

Each student must complete his Major Group by taking two year-courses, or their equivalent in semester courses, from those comprised in the Group. He must also elect at least two other year-courses, or their equivalent, completing, if he has not already done so, the Division requirement.

GRADES

The grade system of marking used is defined as follows:

There shall be five grades, indicated thus: A, "excellent"; B, "good"; C, "fair"; D, "passable"; E, "failure."

The interpretation of the several grade names, "excellent," "good," "failure," etc., rests wholly with the judgment of the individual instructor.

COMPLETION OF COURSES

A course will be considered satisfactorily completed for any semester when the student has obtained a grade as high as D based on both the daily work (which shall include all oral or written exercises prior to the semi-annual examination) and the semi-annual examination.* A student failing to obtain a grade as high as D must, if the course is required, repeat it the following year, or in case of French 1-2, French 3-4, German 1-2, German 3-4, Mathematics 1-2, Spanish 1-2, or Spanish 3-4, pass the corresponding admission examinations in June or September with a mark as high as 75. Attention is called to the fact that students may not obtain credit in these courses by admission examinations unless these examinations are taken before the beginning of the third year in college.

GRADUATION

The number of year-courses,† or their equivalent in semester courses, required for graduation is 20; but every student, in order to be graduated, must have attained a grade above D in at least one-half the number of year courses, or their equivalent in semester courses, taken by or credited to him in college; and all courses regularly taken in the Senior year must be passed, even though they may not be necessary for completing the number of courses indicated above.

BACHELOR OF ARTS

The degree of Bachelor of Arts is conferred by vote of the Trustees at the annual commencement upon students who have

* A student deficient in his daily work will not be admitted to the semi-annual examination.

† A year-course is a course occupying 3 hours each week throughout the year.

completed the requirements as to courses, hours, and grades to the satisfaction of the Faculty (pp. 59-60), have paid to the Treasurer all college dues and other college charges, and have returned all books belonging to the library; but the degree may be forfeited by misconduct at any time previous to the close of the Commencement exercises.

GROUPS OF HOURS

ARRANGED ACCORDING TO TIME

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
8:00	D	G	D	A	G	A
9:00	E	H	E	B	H	B
10:00	F	I	F	C	I	C
11:00	J	M	J	K	L	K
1:00	K	A	G	J	D	
2:00	L	B	H	L	E	
3:00	M	C	I	M	F	

ARRANGED ACCORDING TO LETTERS

- Group **A** Th., Sat., 8:00-9:00; Tu., 1:00-2:00
 Group **B** Th., Sat., 9:00-10:00; Tu., 2:00-3:00
 Group **C** Th., Sat., 10:00-11:00; Tu., 3:00-4:00
 Group **D** M., W., 8:00-9:00; F., 1:00-2:00
 Group **E** M., W., 9:00-10:00; F., 2:00-3:00
 Group **F** M., W., 10:00-11:00; F., 3:00-4:00
 Group **G** Tu., F., 8:00-9:00; W., 1:00-2:00
 Group **H** Tu., F., 9:00-10:00; W., 2:00-3:00
 Group **I** Tu., F., 10:00-11:00; W., 3:00-4:00
 Group **J** M., W., 11:00-12:00; Th., 1:00-2:00
 Group **K** Th., Sat., 11:00-12:00; M., 1:00-2:00
 Group **L** M., Th., 2:00-3:00; F., 11:00-12:00
 Group **M** M., Th., 3:00-4:00; Tu., 11:00-12:00

EXHIBIT OF FRESHMAN STUDIES

The following exhibit of studies indicates the courses of instruction that are open to Freshmen:

1	2	3
Latin 1-2	French 3-4	Rhetoric 1-2
Greek 1-2	French 5-6	American National
	German 3-4	Problems 1-2
	German 5-6	
	Spanish 3-4	
	Spanish 5-6	
4		5
Mathematics 1-2		French 1-2
Mathematics 3-4		German 1-2
Physics 1-2		Greek 21-22
		Spanish 1-2
		Any one of the other courses open to Freshmen

The student's field for choice in the languages and sciences is determined by the subjects offered by him for admission in lists II and III. See pages 31-32.

In Freshman year the student is required to take five courses according to the following plan:

1. A required course in either Latin or Greek. Students offering Greek at entrance will take Greek 1-2; all others will take Latin 1-2.
2. A course continuing a modern language offered at entrance. The courses open to election under this requirement are French 3-4, French 5-6, German 3-4, German 5-6, Spanish 3-4, and Spanish 5-6. A student who offers Spanish at admission, and does not offer French or German, will be required to begin either French or German in Freshman year and will not be required to continue Spanish. Students entering with Greek in place of a modern language are required, in case they offer no modern language at entrance, to elect a beginning language course.

3. Either Rhetoric 1-2* or American National Problems 1-2.
4. Either Mathematics 1-2 (Mathematics 3-4) or Physics 1-2.
5. One of the courses already enumerated as open to Freshmen, or one of the following courses: French 1-2, German 1-2, Greek 21-22, and Spanish 1-2.†

In addition to the five courses referred to above, each Freshman will take the required courses in Hygiene, Physical Training, and Public Speaking.

SPECIAL REQUIREMENTS WITHIN MAJOR GROUPS

In their major groups students will take courses as indicated in the Exhibit of Divisions and Groups. The following special requirements within the majors must be also observed:

Greek. A student who begins Greek in college and who majors in Greek must complete, before graduation, the course *Greek 5-6*.

French and German. A student majoring in a modern language must complete, before graduation, the course numbered 9-10 in that language.

English. Since *Rhetoric 5-6* is an essential part of the English major group, the requirement of *Rhetoric 1-2* as prerequisite for *Rhetoric 5-6* makes it necessary for all students planning to major in English to elect *Rhetoric 1-2*.

Literature. *Literature 7-8* is a required course in the Senior year.

History. *History 7-8* is a required course in the Senior year.

Government. *Government 9-10* is a required course in the Senior year.

Economics. *Economics 5-6* is a required course in the Senior year.

Philosophy. *Philosophy 7-8* is a required course in the Senior year.

Mathematics. A student majoring in Mathematics must take at least one course in Mathematics in his Senior year.

Physics. A student majoring in Physics must complete, before graduation, the course *Physics 7-8*.

* Students who do not elect Rhetoric 1-2 in Freshman year and during that year are reported from the course in American National Problems as deficient in command of English, shall be required to submit themselves to tests imposed by the Department of Rhetoric, and, if the results of these tests are unsatisfactory, to take Rhetoric 1-2 in Sophomore year.

† Not more than one beginning language course may be taken in Freshman year.

EXHIBIT OF DIVISIONS AND GROUPS

Odd numerals refer to the first semester, even numerals to the second semester. Year-courses have their two semester numerals joined by a hyphen.

DIVISIONS	MAJOR GROUPS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR GROUPS	SENIOR ELECTIVES
I	GREEK	{ Greek* }	Greek*	a. Greek* b. Latin* c. Greek 11-History 12	Greek* Latin 6-6 Latin 7 Latin 8
	LATIN	{ Latin 1-2 }	Latin 3-4	a. Latin 6-6 b. Greek* c. Greek 11-History 12	Latin 7 Latin 8 Greek*
	FRENCH	{ French* }	French*	a. French* b. Italian 1-2 or Spanish* c. History 1-2 (History 5-6)	French* Italian* Spanish*
	GERMAN	{ German* }	German*	a. German* b. Literature 1-2 (Literature 5-6) c. History 1-2 (History 5-6)	German* German*
	SPECIAL SUBJECTS	{ SPANISH GREEK LITERATURE }	Spanish* Spanish* Literature 1-2	Spanish* Greek 9-10	Spanish*

* The course to be taken is the first course in the subject or the next course in number for which the student has the prerequisite.

EXHIBIT OF DIVISIONS AND GROUPS—Continued.

DIVISIONS	MAJOR GROUPS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR GROUPS	SENIOR ELECTIVES
II	ENGLISH	{ Rhetoric 1-2	Literature 1-2	a. Literature 3-4 b. Literature 5-6 c. Rhetoric 5-6	Literature 7-8 Literature 10 Literature 11 Literature 12 Rhetoric 7 Rhetoric 8
	HISTORY	{	History 1-2	a. History 3-4 b. Government* c. Economics*	History 7-8 History 5-6 History 9 History 10 Gk. 11-Hist. 12
	GOVERNMENT	{ Am. Nat. Probs. 1-2		a. Government 1-2 b. History* c. Economics*	Government 2-10 Government 3 Government 4 Government 5 Government 6
	ECONOMICS	{	Economics 1-2	a. Economics 3-4 b. Government* c. History*	Economics 5-8 Economics 7 Economics 8
	PHILOSOPHY	{	Philosophy 1-2	a. Philosophy 3-4 b. Philosophy 5-6 c. Religion 1-2	Philosophy 7-8 Religion 3 Religion 5 Religion 6
SPECIAL SUBJECTS	{ PUBLIC SPEAKING } ART	{	Literature 1-2	Public Speaking 3-4	
			History 1-3	Art 1-3	Art 4

* The course to be taken is the first course in the subject or the next course in number for which the student has the prerequisite.

EXHIBIT OF DIVISIONS AND GROUPS—Continued.

Division	Mathematics Courses	Sciences Courses	Humanities Courses	Senior Courses
MATHEMATICS	Mathematics 1-2	Mathematics 3-4	Mathematics 5-6 Mathematics 7-8 Physics 1-2 Physics 3-4 Physics 5-6	Physics 7 Physics 8 Mathematics 1-2
PHYSICS	Physics 1-2	Physics 3-4	Physics 5-6 Mathematics 7-8 Mathematics 9 Mathematics 10	Chemistry 7 Chemistry 8
CHEMISTRY		Chemistry 1-2	Chemistry 3-4 Physics 1-2 Chemistry 5 Chemistry 6 Chemistry 7 Chemistry 8 Chemistry 9 Chemistry 10 Physics 3-4	Physics 5-6 Physics 7 Physics 8 Geology 3 Geology 4
BIOLOGY		Biology 1-2	Biology 3-4 Biology 5-6 Chemistry 7 Physics 1-2	Physiology 2 Geology 1-2
GERMAN			Geology 1-2 Chemistry 3-4 Physics 1-2 Astronomy 1-2 Mathematics 1-2	Geology 3 Geology 4 Geology 5 Geology 6
GENERAL SCIENCE	ASTRONOMY MATHEMATICS	Physics 1-2 Mathematics 1-2	Astronomy 3-4 Mathematics 1-2	Astronomy 5

* The courses to be taken in the first course in the subject or the next course in number for which the student has the prerequisite.

FINAL EXAMINATION SCHEDULE 1922-23

Saturday, Jan. 27, and Thursday, June 7	Thursday, Feb. 1, and Tuesday, June 12	Monday, Feb. 5, and Friday, June 15
<p>8:00 A.M. Economics 7 Economics 8 Geology 3 Geology 4 German 9-10 Greek 21-22 History 1-2, Sec. II Literature 13 Literature 14</p> <p>1:00 P.M. Chemistry 3-4 Greek 3-4 History 7-8 Literature 7-8 Philosophy 5-6</p>	<p>8:00 A.M. Literature 1-2</p> <p>1:00 P.M. Astronomy 5 Chemistry 10 Geology 1-2, Sec. II History 5-6 Physics 1-2, Sec. I Physics 5-6</p>	<p>8:00 A.M. Astronomy 2-4 Economics 5-6 Geology 1-2, Sec. I Greek 1-2 Latin 7 Latin 8 Mathematics 9 Mathematics 10 Rhetoric 5-6</p>
E	C	B
D		
		<p>1:00 P.M. Biology 1-2 Chemistry 5 Chemistry 6 French 13-14 German 11-12 Greek 11-History 12 History 3-4 Philosophy 7-8 Physics 7-8</p>
		G
Monday, Jan. 29, and Friday, June 8	Friday, Feb. 2, and Wednesday, June 13	Tuesday, Feb. 6, and Saturday, Feb. 16
<p>8:00 A.M. French 1-2 French 3-4 French 5-6 French 7-8</p> <p>1:00 P.M. Biology 3-4 Biology 7 Biology 8 Chemistry 8 Chemistry 8 Government 1-2 Government 9-10 Literature 12 Philosophy 1-2, Sec. I</p>	<p>8:00 A.M. Mathematics 1-2 Mathematics 3-4</p> <p>1:00 P.M. Government 3 Government 4 Greek 9-10 Mathematics 5-6 Physics 1-2, Sec. II Physiology 1 Physiology 2</p>	<p>8:00 A.M. History 9 History 10 Italian 1-2 Philosophy 3-4 Religion 8 Religion 9 Rhetoric 1-2</p> <p>1:00 P.M. Chemistry 1-2 Economics 3-4 French 9-10 Greek 7 History 1-2, Sec. I Italian 3-4 Public Speaking 3-4 Rhetoric 7</p>
	K	M
		A

FINAL EXAMINATION SCHEDULE 1922-23—Continued

Tuesday, Jan. 29, and Saturday, June 9	Saturday, Feb. 3, and Thursday, June 14	Wednesday Feb. 7, and Monday, June 18
<p>8:00 A.M.</p> <p>I</p> <p>Amer. Nat. Probs. 1-2, Sec. I Astronomy 1-2, Sec. I Greek 8 Literature 3-4 Religion 3 Statistics 1-2</p> <p>1:00 P.M.</p> <p>L</p> <p>Amer. Nat. Probs. 1-2, Sec. II Art 3 Art 4 Biology 5-6 Physics 3-4 Religion 1-2</p>	<p>8:00 A.M.</p> <p>Spanish 1-2 Spanish 3-4 Spanish 5-6 Spanish 7-8</p> <p>1:00 P.M.</p> <p>Government 5 Greek 23-24 Literature 5-6 Literature 10 Philosophy 1-2, Sec. II</p> <p>J</p>	<p>8:00 A.M.</p> <p>German 1-2 German 3-4 German 5-6 German 7-8</p> <p>1:00 P.M.</p> <p>Art 1-2 Astronomy 1-2, Sec. II German 13-14 Latin 5-6 Literature 11 Mathematics 7-8 Rhetoric 8</p> <p>H</p>
<p>Wednesday, Jan. 31, and Monday, June 11</p> <p>8:00 A.M.</p> <p>Latin 1-2 Latin 3-4</p> <p>1:00 P.M.</p> <p>Economics 1-2</p>		

COURSES OF INSTRUCTION

Courses designated by a single numeral are semester courses; odd numerals are employed for courses given in the first semester and even numerals for courses given in the second semester. Year-courses are designated by an odd numeral and an even numeral joined by a hyphen, and the work of the two semesters covered constitutes an integral, indivisible course.

All courses (except required Freshman Hygiene and Public Speaking) are given three hours each per week.

The group letter in black-faced type (A, B, etc.) at the right of the page, below the title, indicates the set of recitation hours employed. See key on page 61. Roman numerals preceding group letters indicate sections. Group letters joined by a hyphen (as A-B) signify a two-hour period in laboratory courses.

DIVISION I

GREEK

Professor HOWES, Professor DICKERMAN, Assistant Professor CLARK, and Assistant Professor GALBRAITH.

Greek 1-2. Herodotus, Homer, and New Testament

Required course for Freshmen who present Greek from Admission List II.

Group letter, **B**

Selections from Herodotus. Attention is given to a review of Greek forms and syntax, with references to Goodwin's *Greek Grammar*.

Homer. The Phaeacian Episode of the Odyssey and some further selections.

New Testament Greek. The gospel of *Mark* and parts of the other gospels.

Professor HOWES and Professor DICKERMAN.

Greek 3-4. Plato and Greek Drama

Prerequisite, GREEK 1-2.

Group letter, **D**

The first semester: *Plato* and *Aristophanes*. *Plato's Apology* or *Crito* and selections from other dialogues. Further dialogues are read in English translation to fill out the portrait of Socrates and introduce the student to the philosophy of Plato. *The Clouds* of Aristophanes.

Professor DICKERMAN.

The second semester: *Greek Tragedy. Sophocles and Euripides.* One or more plays of Euripides, and the *Antigone* of Sophocles are read by the class. Several other plays are read in translation.

Assistant Professor GALBRAITH.

Greek 5-6. Demosthenes, Homer, and Lyric Poetry

Prerequisite, GREEK 3-4.

Group letter, F

The first semester: *Demosthenes.* It is planned to read most of the public orations of Demosthenes, including the *Philippics*, *On the Peace*, *On the Chersonese*, and most of the speech *On the Crown*.

The literary and historical aspects of the orations are studied with some care.

Assistant Professor GALBRAITH.

The second semester: *Homer and the Lyric Poets.* Considerable portions of the *Iliad* are read, the aim being to gain an acquaintance with the poem as a whole. The development of Greek poetry up to the fifth century is traced in a study of the more important *lyric fragments*.

Professor DICKERMAN.

Greek 7. Thucydides and Plato

Prerequisite, GREEK 5-6.

Group letter, A

Parts of the history of Thucydides are read with a view to appreciating the personality of the author and the character of the Athenian state. This is followed by the study of parts of Plato's *Republic*.

Professor DICKERMAN.

Greek 8. Æschylus and Sophocles

Prerequisite, GREEK 5-6.

Group letter, I

Several plays of Æschylus and Sophocles are read.

Theocritus. The course ends with the reading of the best of the *Idyls* of Theocritus.

Assistant Professor GALBRAITH.

Greek Archæology

To students in *Greek 7* and *Greek 8* there is offered an additional exercise weekly in the reading of Greek inscriptions and the study of Greek vase-painting, sculpture, coins, etc.

One hour a week through the year, without college credit.

Professor DICKERMAN.

Greek 9-10. Greek Literature

Prerequisite, LITERATURE 1-2.

Group letter, K

Junior elective course.

The chief masterpieces of Greek literature are read in English translation, and their content and structure are studied. The origin and development of the various types of poetry and prose are traced, and their influence on later literatures is discussed. No knowledge of the Greek language is required.

Professor DICKERMAN.

Greek 11-History 12. Greek History and Roman History

Prerequisite, HISTORY 3-4; or, for students majoring in Greek or Latin,
GREEK 3-4, or LATIN 3-4. Group letter, **G**

Greek 11 and *History 12* constitute a Senior indivisible year-course. See *History 12*.

Greek 11. Greek History. The social, political, and military history of the Greek world, from the origins of the cities to the Roman conquest. Greek democracies, especially at Athens, Syracuse, and Tarentum; Alexander, and the Hellenistic kingdoms; the federal unions; and the Republic of Rhodes. Attention is given to the social and political theory of the Greeks.

Reading, lectures, quizzes, and written work.

The required reading in this course is in English only, but consultation of the Greek sources is encouraged.

Special instruction is offered, if desired, to prospective teachers, or to any students wishing to attempt some original investigation, but the course aims primarily to trace for the general student the progress of Hellenic civilization, with emphasis upon its abiding influences on later times.

Assistant Professor CLARK.

Greek 21-22. Elementary Greek

Group letter, **E**

An introductory course beginning with the elements of the language and leading up to the reading of simple prose. Professor DICKERMAN.

Greek 23-24. Intermediate Greek

Prerequisite, GREEK 21-22.

Group letter, **J**

This course continues the work of the elementary course *Greek 21-22*. The study of the language will be carried on in connection with the reading of prose works and parts of the Homeric poems. On completing this course students will be admitted to *Greek 1-2* (or, with the permission of the Advisory Committee and on recommendation of the Department, to *Greek 3-4*).

Assistant Professor GALBRAITH.

LATIN

Professor WILD, Professor HOWES, Professor WETMORE, Professor DICKERMAN,
and Assistant Professor GALBRAITH.

Latin 1-2. Selections from the Roman Historians and from the Roman Poets

Freshman required course (elective for those offering Greek at admission).

Group letters, **I, I; II, E; III, B; IV, A; V, J; VI, L; VII, A; VIII, I; IX, K**

The chief aim is to develop the preparatory training of the student into power

to read Latin with appreciation. There is frequent practice in sight work. Assignments are given for collateral reading in the history of the Punic Wars.

The work of the second semester is devoted entirely to selections from the Latin Poets.

Mackail's *Latin Literature* is used throughout the year.

Professor WILD, Professor HOWES, Professor WETMORE, Professor DICKERMAN, and Assistant Professor GALBRAITH.

Latin 3-4. Latin Comedy, Private Life of the Romans, Tacitus, and Horace

Prerequisite, LATIN 1-2.

Group letters, I, A; II, F

Sophomore elective course.

The first semester: *Latin Comedy*. The primary aim in this part of the course is to trace the development of Latin Comedy, and to study its spirit as shown in the plays of Plautus and Terence. The *Captivi* and the *Trinummus* of Plautus and the *Adelphoe* of Terence are read carefully, and other plays are either read at sight by the class or translated by the instructor.

Private Life of the Romans. Once in two weeks an exercise is devoted to the study of Roman life and customs, with illustrations by means of lantern slides and other material.

Professor WILD.

The second semester: *Tacitus and Horace*. The reading work of the second semester is divided between the *Agricola* of Tacitus and the *Odes* of Horace. If possible, several of Horace's *Satires* are read during this part of the course.

In connection with the *Odes* of Horace some attention is paid to the English lyric, involving the preparation of careful translations from the Latin and a comparison of the better known English versions. The student is encouraged to commit to memory some of the famous passages from the *Odes*.

Assistant Professor GALBRAITH.

Latin 5-6. Vergil, Catullus, and Rapid Reading

Prerequisite, LATIN 3-4.

Group letter, H

Junior elective course.

The first semester: *Vergil*. The object of this part of the course is to give the student a thorough knowledge and a high appreciation of the works of Vergil. Several of the *Eclogues* and selections from the *Georgics* are read. About two-thirds of the semester is devoted to reading the last six books of the *Aeneid*. In addition to regular assignments made to the entire class there are also individual assignments and reading at sight.

The second semester: *Catullus and Rapid Reading of Prose Authors*. The greater part of Catullus is read. Passages from any source tending to throw light on the interpretation of the poet are read at sight.

The work of the second half of the semester consists of the rapid reading of the *Letters* of Cicero and of Pliny. The aim is to cultivate an appreciation of

Latin literature and facility in grasping the thought immediately through the language. Professor WETMORE.

Latin 7. A Brief Survey of Latin Literature from the Earliest Period to the End of the Augustan Period

Prerequisite, LATIN 5-6.
Senior elective course.

Group letter, B

The plan of this course involves (1) a reading of selected portions of the most important authors, especially those not included in the other courses, and (2) informal lectures upon the rise and development of the various forms of literature, with such notice of the authors and their works as shall help to assign them their place in literature.

Professor WILD.

Latin 8. A Brief Survey of Latin Literature from the End of the Augustan Period to the Third Century

Prerequisite, LATIN 5-6.
Senior elective course.

Group letter, B

While this course may be taken independently of *Latin 7*, chronologically it follows *Latin 7* in tracing the further development of Latin literature after the Augustan period. Selected portions of the most important authors are read, especially those not included in the other courses, and informal lectures are given upon the authors studied and their works so that their place in literature may be appreciated.

Professor WILD.

Latin Composition

To those who intend to become teachers of Latin there is open in connection with *Latin 7* and *Latin 8* an additional course of one hour a week in advanced Latin composition, without college credit.

Professor WILD.

For Roman History, see History 12.

ROMANCE LANGUAGES

Professor TAYLOR, Assistant Professor RICE, Assistant Professor J. N. CRU, Mr. A. L. CRU, Mr. WHITMAN, Mr. DEFERRARI, and Dr. BELAUNDE.

FRENCH

French 1-2. Elementary French

Group letter, A

This course includes the study of grammar and composition, and the reading of modern French, with training in pronunciation and the use of conversational French. Special attention is given to dictation.

Professor TAYLOR and Assistant Professor RICE.

French 3-4. Intermediate French

Prerequisite, FRENCH 1-2 or ADMISSION FRENCH A.

Group letters, I, H; II, I

EXHIBIT OF DIVISIONS AND GROUPS

Odd numerals refer to the first semester, even numerals to the second semester. Year-courses have their two semester numerals joined by a hyphen.

DIVISIONS	MAJOR GROUPS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR GROUPS	SENIOR ELECTIVES
I	GREEK	{ Greek* }	Greek*	a. Greek* b. Latin* c. Greek 11-History 12	Greek* Latin 5-6 Latin 7 Latin 8
	LATIN	{ Latin 1-2 }	Latin 3-4	a. Latin 5-6 b. Greek* c. Greek 11-History 12	Latin 7 Latin 8 Greek*
	FRENCH	{ French* }	French*	a. French* b. Italian 1-2 or Spanish* c. History 1-2 (History 5-6)	French* Italian* Spanish*
	GERMAN	{ German* }	German*	a. German* b. Literature 1-2 (Literature 5-6) c. History 1-2 (History 5-6)	German* German*
	SPECIAL SUBJECTS	{ SPANISH GREEK LITERATURE }	Spanish* Literature 1-2	Spanish* Greek 9-10	Spanish*

* The course to be taken is the first course in the subject or the next course in number for which the student has the prerequisite.

EXHIBIT OF DIVISIONS AND GROUPS—Continued.

DIVISIONS	MAJOR GROUPS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR GROUPS	SENIOR ELECTIVES
II	ENGLISH	{ Rhetoric 1-2	Literature 1-2	a. Literature 3-4 b. Literature 5-6 c. Rhetoric 8-9	Literature 7-8 Literature 10 Literature 11 Literature 12 Rhetoric 13 Rhetoric 14 Rhetoric 7 Rhetoric 8
	HISTORY	{	History 1-2	a. History 3-4 b. Government* c. Economics*	History 7-8 History 9 History 10 Gk. 11-Hist. 12
	GOVERNMENT	{ Am. Nat. Probs. 1-2		a. Government 1-2 b. History* c. Economics*	Government 8-10 Government 3 Government 4 Government 5 Government 6
	ECONOMICS	{	Economics 1-2	a. Economics 3-4 b. Government* c. History*	Economics 4-6 Economics 7 Economics 8
	PHILOSOPHY	{	Philosophy 1-2	a. Philosophy 3-4 b. Philosophy 5-6 c. Religion 1-2	Philosophy 7-8 Religion 3 Religion 5 Religion 6
	SPECIAL SUBJECTS	{ PUBLIC SPEAKING } { ART }	Literature 1-2 History 1-2	Public Speaking 3-4 Art 1-2	Art 3 Art 4

* The course to be taken is the first course in the subject or the next course in number for which the student has the prerequisite.

EXHIBIT OF DIVISIONS AND GROUPS—Continued.

DIVISIONS	MAJOR GROUPS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR GROUPS	SENIOR ELECTIVES
III	MATHEMATICS	{ Mathematics 1-2	Mathematics 3-4	a. Mathematics 5-6 b. Mathematics 7-8 c. Physics 1-2 (Physics 7-8)	Mathematics 9 Mathematics 10 Physics 3-4 Physics 5-6 Physics 7-8 Mathematics 5-6 Mathematics 7-8 Mathematics 9 Mathematics 10
	PHYSICS	{ Physics 1-2	Physics 3-4	a. Physics 5-6 b. Mathematics* c. Chemistry*	Chemistry 7 Chemistry 8 Chemistry 5-6 Physics 5-6 Physics 7 Physics 8 Geology 3 Geology 4
	CHEMISTRY	{ }	Chemistry 1-2	a. Chemistry 3-4 b. Physics* c. Geology 1-2	Chemistry 6 Chemistry 7 Chemistry 8 Chemistry 10 Physics 3-4 Physics 5-6 Physics 7 Physics 8 Geology 3 Geology 4
	BIOLOGY	{ }	Biology 1-2	a. Biology 3-4 b. Biology 5-6 c. Chemistry*	Biology 7 Biology 8 Physiology 1 Physiology 2 Geology 1-2
	GEOLOGY	{ }		a. Geology 1-2 b. Chemistry* c. Physics*	Geology 3 Geology 4 Geology 5 Geology 6
SPECIAL SUBJECTS { ASTRONOMY STATISTICS			Physics 1-2 Mathematics 1-2	Astronomy 1-2 Statistics 1-2	Astronomy 3-4 Astronomy 5

* The course to be taken is the first course in the subject or the next course in number for which the student has the prerequisite.

Saturday, Jan. 27, and Thursday, June 7

Monday, Feb. 5, and Friday, June 15

Biology 1-2
 Chemistry 5
 Chemistry 6
 French 13-14
 German 11-12
 Greek 11-History 12
 History 3-4
 Philosophy 7-8
 Physics 7-8

Tuesday, Feb. 6, and Saturday, Feb. 16

History 9
History 10
Italian 1-2
Philosophy 3-4
Religion 5
Religion 6
Rhetoric 1-2

Rhetoric 1-2

- Chemistry 1-2
- Economics 3-4
- French 9-10
- Greek 7
- History 1-2, Sec I
- Italian 3-4
- Public Speaking 3
- Rhetoric 7

Greek 7
History 1-2, Sec I
Italian 3-4
Public Speaking 3
Rhetoric 7

DIVISION II

ENGLISH

Professor MAXCY, Professor DUTTON, Professor LICKLIDER, Assistant Professor ALLEN, Mr. TAEUSCH, and Mr. HARVEY.

RHETORIC

Rhetoric 1-2. Exposition and Narration

Group letters, I, H; II, J; III, K; IV, G; V, L; VI, F; VII, E; VIII, I

Freshman course, required of those not taking AMERICAN NATIONAL PROBLEMS 1-2; elective for all others, unless they are reported from the course in American National Problems as deficient in command of English. See note on page 63.

The first semester: *Exposition*. This part of the course aims, first, by systematic drill to encourage the habit of correct expression; second, to develop the ability to understand logical discourse, and to apply this knowledge in the work of exposition. All exercises and themes are subjected to detailed criticism.

The second semester: *Narration*. The elements of narration are studied at length: setting, character, plot; also the various types of narrative composition. In connection with these topics the class studies a number of literary masterpieces, and is required to present original exercises in narrative composition: at least two short-stories of the length usually found in magazines, and many brief exercises, such as character sketches, biographic summaries, studies in setting, character, etc.

Professor MAXCY, Assistant Professor ALLEN, Mr. TAEUSCH, and Mr. HARVEY.

Rhetoric 5-6. Argumentation

Prerequisite, RHETORIC 1-2.*

Group letter, B

Junior elective course.

The purpose of the course is to train the student in logical and systematic methods of thought. The main divisions of the work are: (a) correct phrasing of propositions; (b) analysis of propositions; (c) study of evidence; (d) inductive and deductive methods of reasoning; (e) generalization and analysis; (f) causal relations; (g) fallacies; (h) methods of refutation; (i) construction of briefs; (j) rhetorical qualities of the forensic; (k) persuasion.

In connection with the study of argumentative theory, each student is trained in the practice of argumentative composition through the writing of extended briefs, forensics, and various argumentative themes and exercises. As in *Rhetoric 1-2*, the work of each student is subjected to extended criticism.

Professor MAXCY.

* Students electing Rhetoric 5-6 for the college year 1922-23 may offer as the prerequisite Rhetoric 1-2 or its equivalent. Consult the statement on page 63 regarding Rhetoric 1-2.

Rhetoric 7. Criticism

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6 or RHETORIC 5-6.

Senior elective course.

Group letter, **A**

This course is devoted to the study of literary criticism. The discussions are supplemented by extensive readings in the literature of criticism and by essays on critical topics chosen in connection with the readings.

Assistant Professor ALLEN.

Rhetoric 8. Advanced Composition

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6 or RHETORIC 5-6.

Senior elective course.

Group letter, **H**

A study of the rhetorical principles and elements of style, with constant practice in selected types of composition. This course is designed for students who are specially interested in writing and who are prepared to do intensive work. Class-room study and criticism will be supplemented by private conferences.

Professor LICKLIDER.

ENGLISH LITERATURE**Literature 1-2. English and American Literature**

Prerequisite, RHETORIC 1-2 or its equivalent.*

Sophomore elective course.

Group letters, **I, D; II, E; III, F**

The primary aim of this course is to present the main facts in the history of English and American literature. In order to illustrate the study of literary developments, a considerable amount of reading is assigned in the more important writers. During each semester the members of the class are expected to investigate and report on topics chosen in consultation with the instructor. About two-thirds of the year is devoted to English literature, the remainder to American literature. The work is arranged with a view to laying a broad foundation for the more advanced courses in the subject.

Professor DUTTON, Assistant Professor ALLEN, Mr. TAEUSCH, and Mr. HARVEY.

Literature 3-4. The Elizabethan Drama

Prerequisite, LITERATURE 1-2.

Junior elective course.

Group letter, **I**

This course deals with the history of the English drama from the Miracle Plays to the closing of the theatres. It includes considerable reading in the dramatic works of Lyly, Peele, Greene, Marlowe, Jonson, Dekker, Beaumont and Fletcher, and other predecessors and successors of Shakspeare; but the greater part of the time is devoted to Shakspeare. Most of his plays are read,

* Consult the statement on page 63 regarding Rhetoric 1-2.

and a detailed study is made of the more important. Matters of dramatic structure, Elizabethan staging, prosody, and literary criticism are carefully considered.

Professor LICKLIDER.

Literature 5-6. English Literature from Milton to Scott

Prerequisite, LITERATURE 1-2.

Junior elective course.

Group letter, J

The first semester: *The Classical Period (1650-1784)*. Lectures are given on the history and interpretation of the literature of the age. Extensive reading, with a view to first-hand knowledge of the thought and temper of the chief authors, is required. The characteristics of neo-classicism as represented by English writers from Dryden to Johnson, and the nature of the emerging romantic school, receive special consideration.

The second semester: *The Age of Romanticism (1784-1832)*. The development of romanticism during the indicated period is carefully traced, and the principles and theories of the leading romantic writers are analyzed, but important figures and works of other schools are not neglected. The authors considered include Blake, Burns, Wordsworth, Coleridge, Keats, Byron, Shelley, Jane Austen, Scott, Lamb, DeQuincey, and Landor.

Professor DUTTON.

Literature 7-8. The Victorians and Their American Contemporaries

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6.

Senior required course in the English Major, not open as an elective except with the consent of the instructors.

Group letter, D

The primary purpose of this course is to introduce the student to methods of independent investigation of literary problems. In the first semester the Victorian age in English literature forms the subject of study; for 1922-23 the specific topic for consideration is humanitarianism as it enters into the writings of the period. In the second semester American literature of the nineteenth century is the general subject; for 1922-23 the artistic and intellectual reaction of American authors to democracy receives special attention. Individual work is assigned to each student.

Professor DUTTON and Assistant Professor ALLEN.

[Literature 9. Old English

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6.

Senior elective course.

Omitted in 1922-23.

This course includes both an historical survey of the literature from the seventh century to Chaucer and an elementary study of Old English. Selections from representative works are read in the original. Considerable attention is

devoted to the linguistic principles involved in the development of English. Smith's *Old English Grammar* and Bright's *Anglo-Saxon Reader* are used as texts.]

Literature 10. Middle English

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6. Group letter, J
Senior elective course.

This course includes careful reading of all of Chaucer's important works, particularly the *Canterbury Tales* and *Troilus and Criseyde*. Attention is paid to the social and political conditions of the fourteenth century.

Assistant Professor ALLEN.

Literature 11. The Modern Drama (1642-1920)

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6. Group letter, H
Senior elective course.

An historical survey of English drama from the closing of the theatres to the present day, and a study of the technique of the drama. The course includes the reading of representative plays from Dryden to Galsworthy.

Emphasis is placed upon the modern social drama established by Ibsen's influence, and the best contemporary plays, English, American, and Continental, are studied as examples of the various schools and tendencies of the drama of to-day.

Professor LICKLIDER.

Literature 12. The English Bible

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6. Group letter, F
Senior elective course.

A study of the Bible as literature and of its influence on the masters of English literary style.

Professor MAXCY.

Literature 13. The English Novel

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6. Group letter, E
Senior elective course.

A survey and critical examination of the principal types of English prose fiction from Samuel Richardson to George Eliot. The course of study includes *Pamela*, *Tom Jones*, *Evelina*, *Pride and Prejudice*, *Heart of Midlothian*, *Old Curiosity Shop*, *Pendennis*, *Jane Eyre*, *Wuthering Heights*, *Barchester Towers*, *Put Yourself in His Place*, and *Adam Bede*.

Professor MAXCY.

Literature 14. The Modern Novel

Prerequisite, LITERATURE 3-4 or LITERATURE 5-6. Group letter, E
Senior elective course.

A study of English fiction from the latter part of the Victorian period to the present day. The work includes an inquiry into the ideas and methods of the more important writers, based upon extensive reading of their novels.

Professor DUTTON.

PUBLIC SPEAKING

Professor LICKLIDER, Mr. HARVEY, Mr. SEWALL, Mr. CRAIG, and
Mr. HELFRICH.

Public Speaking 1

Freshman required course.

Hours assigned.

This course aims (1) to emphasize some of the fundamental principles of public speaking and (2) to apply them to the speech of the individual. The class is divided into small sections, and extended drill is given each student in both declamation and extemporaneous speaking. The choice of speakers for the prize contest in declamation is based on this work.

Professor LICKLIDER, Mr. HARVEY, Mr. SEWALL, Mr. CRAIG, and
Mr. HELFRICH.

Public Speaking 3-4

Prerequisite, LITERATURE 1-2.
Junior elective course.

Group letter, A

This course is designed to familiarize the student by experience with all the important types of public speaking. Topics of local, national, and international interest furnish the subject matter for this work. Bassett's *Handbook of Oral Reading* is used as a manual for the study of elementary principles.

Extended drill is given to all speakers who compete in prize contests, and to those who are to appear on the commencement platform.

Professor LICKLIDER.

HISTORY

Professor GOODRICH, PROFESSOR SMITH, Assistant Professor CLARK, and Assistant Professor BUFFINTON.

History 1-2. General European History (375-1774)

Sophomore elective course.

Group letters, I, A; II, E

The work of the first semester covers the field of general European history from the Barbarian Invasions to the Renaissance. That of the second semester comprises the period from the Reformation to the eve of the French Revolution.

The methods comprise a text-book, lectures, collateral reading, and frequent written tests. Particular attention is given to the method of study and the use of materials by the student.

This course is the fundamental one in the department, being the prerequisite for all other courses in History, and also for those in Art and Government. Although open to members of the upper classes, it is intended primarily for Sophomores, and it is desirable that it be taken in the Sophomore year.

Professor GOODRICH and Assistant Professor BUFFINTON.

History 3-4. The History of the United States (1776-1919)

Prerequisite, HISTORY 1-2.
Junior elective course.

Group letter, **G**

This course covers the history of political development in the United States, tracing, in the first semester, the establishment of government and of domestic and foreign policies and the divergence between Northern and Southern States through the Compromise of 1850. In the second semester it studies the transformation of the politics and government of the country from the outbreak of the sectional struggle to the termination of the World War. Lectures, readings, recitations, weekly tests, and individual reports on assigned topics.

Professor SMITH and Assistant Professor BUFFINTON.

History 5-6. European History—Era of Revolution and Reconstruction (1774-1900)

Prerequisite, HISTORY 1-2.
Junior elective course.

Group letters, **I, C; II, L**

The work of the first semester begins with the eve of the French Revolution and concludes with the settlement of Europe at the Congress of Vienna (1815) after the close of the Napoleonic Wars. The semester is devoted to the study of the period of the French Revolution and the Napoleonic Empire. The course of the movement, its causes and results are studied in relation to the principal states of Europe.

The work of the second semester begins with the reactionary period following the Congress of Vienna and the national revolutions of 1848. Then the important constructive movements in Italy, Austria-Hungary, and Germany are studied, followed by the Franco-German War, the founding of the German Empire, and of the Third Republic in France, the Balkan settlement at the Congress of Berlin (1878), concluding with a brief survey of European conditions at the close of the nineteenth century.

Professor GOODRICH.

History 7-8. Advanced American History

Prerequisite, HISTORY 3-4.
Senior required course in the History Major, not open as an elective.

Group letter, **D**

This course is intended primarily to give the student training in the analysis of historical material. For the year 1922-23 it will be devoted in the first semester, to selected topics in American foreign policy; in the second semester, to

studies in the careers of American statesmen. In each field the student will be required to prepare an analytical and constructive study, based, so far as possible, on the use of source material.

Professor SMITH and Assistant Professor BUFFINTON.

History 9. The British Empire (1558-1783)

Prerequisite, HISTORY 3-4 or HISTORY 5-6.

Group letter, **M**

Senior elective course.

This course treats of the commercial and colonial expansion of England from the middle of the sixteenth century to the close of the American Revolution with special attention to the North American colonies and India. Beginning with an account of the origins of the Empire and its growth during the national struggles with Spain, Holland, and France, the course continues with a study of the organization of the Empire and its disruption by the successful revolt of the American colonies.

Assistant Professor BUFFINTON.

History 10. The British Empire (1783-1914)

Prerequisite, HISTORY 3-4 or HISTORY 5-6.

Group letter, **M**

Senior elective course.

This course covers the history of the British Empire since 1783 with special emphasis upon the development of popular government in Great Britain and the British colonies, the expansion of the British Empire in Asia and Africa, and the analysis of the principles governing British foreign policy with regard to European controversies, culminating in the war of 1914.

Professor SMITH.

History 12. Roman History during the Revolution and the Empire

GREEK 11 and HISTORY 12 constitute a Senior indivisible year-course.

See GREEK 11 for prerequisite.

Group letter, **G**

The economic, social, political, and military history of the Roman world from the age of the Gracchi to that of Theodosius.

Reading, lectures, quizzes, and written work. Consultation of the Latin sources is encouraged but not required.

Special instruction is offered, if desired, to prospective teachers, or to any students wishing to attempt some original investigation; but the course aims primarily, while not neglecting great personalities, to survey for the general student of history or of the classics the Roman foundations of European civilization.

Assistant Professor CLARK.

ECONOMICS

Professor DROPPERS, Professor McLAREN, Assistant Professor CLARK, and Assistant Professor BULLOCK.

Economics 1-2. General Economics

Sophomore elective course. Group letters, I, **C**; II, **J**; III, **D**; IV, **M**

This course is a study of the leading principles of economic science with some applications to modern industrial conditions. Study of text-books and of assigned collateral reading is the basis of the work. Discussion of this matter in class is supplemented by occasional lectures and by weekly written tests. Professor DROPPERS, Professor McLAREN, Assistant Professor CLARK, and Assistant Professor BULLOCK.

Economics 3-4. Economic History

Prerequisite, ECONOMICS 1-2.
Junior elective course.

Group letters, I, **A**; II, **H**

[Required of all men majoring in Economics beginning with the Class of 1923.]

A study of the evolution of industrial society from the beginning of the modern period to the present. Most time will be devoted to the period since the Industrial Revolution in Europe and the United States, but attention will be paid to the recent economic development of other regions. Topics included are the great inventions and their effects, the factory system and labor legislation, agrarian changes, steam transportation and the modern railway problem, the tariff and financial histories of leading countries, the economic causes and consequences of wars, and recent developments in industrial organization. Particular attention will be paid to the historical genesis of the modern labor problem.

Lectures, text-books, and collateral reading.

Individual reports on special subjects.

Professor DROPPERS and Assistant Professor CLARK.

Economics 5-6. Banking and Foreign Exchange; Corporate Finance

Prerequisite, ECONOMICS 3-4.

Group letter, **B**

Senior course required in the Economics Major, not open as an elective.

This course is the required senior course for all students majoring in Economics, and as such it is intended primarily to give the student training in the analysis of economic material. In the first semester descriptive and historical materials will be used to develop the chief principles and problems of modern commercial banking and of foreign exchange. The second semester deals mainly with the organization, financial policy, and operation of business enterprises, especially in the corporate form. A systematic course in reading is

prescribed, and most of the exercises are conducted by the method of informal discussion. From time to time special problems are assigned each student for analysis and report.

Professor McLAREN and Assistant Professor BULLOCK.

Economics 7. Public Finance, including Taxation

Prerequisite, ECONOMICS 1-2.
Senior elective course.

Group letter, E

An introductory study, theoretical and practical, of public expenditures, public revenue from taxes and other sources, public debts, and financial administration and legislation, in our national, state, and local governments. Special topics are assigned each student for study and report.

Assistant Professor BULLOCK.

Economics 8. Labor Questions and Labor Legislation

Prerequisite, ECONOMICS 1-2.
Senior elective course.

Group letter, E

A study of the modern labor movement in America and abroad, of the forms, aims, and character of unions, and of the questions, proposals, and legislation affecting the relations of employers and employed. Topics included will be immigration, unemployment, strikes and conciliation, "scientific management," systems of payment, compensation, insurance, welfare activities, housing laws, wages, boards, coöperation and other projects of social reform, socialist theories and party policies, and syndicalism. Assigned reading in text-books, monographs, reports, and periodicals. *Economics 3-4* is recommended as desirable, though not essential, to precede this course. A special subject is assigned each student for study and written report.

Assistant Professor CLARK.

GOVERNMENT AND POLITICAL SCIENCE

President GARFIELD, Professor SMITH, Professor DOUGHTY,
Professor LEIGH, and Mr. HUBBARD.

Government 1-2. Introduction to Political Science

Prerequisite, AMERICAN NATIONAL PROBLEMS 1-2.
Junior elective course.

Group letter, F

The first semester consists of the theories and principles of government upon which is based the Constitution of the United States, as those theories and principles are presented in *The Federalist*, which work is used as a text-book. The second semester is devoted to a study of the principles and practices of government in the leading countries of the world: Great Britain, and the British dominions, France, Italy, Spain, Germany, and others. Lectures, oral and written recitations, and, in the second semester, the preparation of reports upon the constitutional and political documents of the countries studied.

Professor DOUGHTY (first semester); Professor LEIGH (second semester).

Government 3. History of Primitive Institutions

Prerequisite, GOVERNMENT 1-2.
Senior elective course.

Group letter, K

This course is a study of the structure of primitive societies, and the origins and development of legal and political institutions as found chiefly in the earlier Roman law, and the laws and political institutions of medieval Europe. The work consists of oral and written recitations, lectures, and assigned readings.

Professor DOUGHTY.

Government 4. History of Primitive Institutions, continued

Prerequisite, GOVERNMENT 3 or GOVERNMENT 5.
Senior elective course.

Group letter, K

This course is a continuation of *Government 3*, being confined, however, to the study of the nature and development of the early common law of England. The work consists of oral and written recitations, lectures, and assigned readings.

Professor DOUGHTY.

Government 5. Jurisprudence

Prerequisite, GOVERNMENT 1-2.
Senior elective course.

Group letter, J

This course is a study of the theory and structure of law, its sources and subject matter. The work consists of oral and written recitations and lectures. Holland's *Elements of Jurisprudence* is used as a text.

Professor DOUGHTY.

Government 6. Modern Political Experiments

Prerequisite, GOVERNMENT 1-2.
Senior elective course

Group letter, J

This course is a study of the relation of theory to practice in the matter of contemporary political experiments such as the initiative and referendum, proportional representation, grants in aid, etc. The work consists of assigned readings, discussions, reports, and occasional lectures.

Professor LEIGH.

Government 9-10. Municipal Government and Constitutional Law

Prerequisite, GOVERNMENT 1-2.
Senior required course in the Government Major, not open as an elective.

Group letter, F

This course is required of all seniors completing the Government Major Group and is open only to them. The methods of instruction consist of lectures, recitations, class discussions, and the preparation of individual assignments. The first semester is devoted to a study of the structure and functions of city government in Europe and the United States. An important municipal problem is assigned to each student for special examination. The

second semester is devoted to an introduction to the constitutional law of the United States. The work is based on a text-book and on actual court decisions and opinions, and each student is required to prepare opinions or briefs on constitutional problems.

Professor LEIGH (first semester); Professor DOUGHTY, (second semester).

AMERICAN NATIONAL PROBLEMS

Professor SMITH, Professor McLAREN, Professor DOUGHTY, Professor LEIGH, and Mr. HUBBARD.

American National Problems 1-2

Freshman course, optional with RHETORIC 1-2. Group letters, I, I; II, L. AMERICAN NATIONAL PROBLEMS 1-2 may not count as a subject of the Junior Major Groups in History or Economics unless taken in Junior year. See note on page 63.

This course is intended to give Freshmen and Sophomores a general introduction to the present-day problems of American political and industrial life. The first semester's work, after a brief historical introduction, deals with the questions of the formation of opinion, the organization of public opinion, political parties, deliberative bodies and other means of legislation, and the organization of public administration. The second semester considers the problems arising in connection with public finance, foreign relations, education, health, dependents, defectives and delinquents, natural resources, manufacturing, transportation, relations of capital and labor and the just distribution of wealth. The chief objects of the course are to stimulate and to give training in scientific methods of political and social thinking, and to that end class discussions in small sections form the principal means of instruction. There are, in addition, weekly lectures, readings in text-books and supplementary material, assigned reports, and frequent written tests.

PHILOSOPHY

Professor PRATT and Assistant Professor PROCTER.

Philosophy 1-2. Elementary Psychology and Ethics

Sophomore elective course.

Group letters, I, F; II, J

The first semester: The larger part of the semester is devoted to a study of the essential facts of individual human psychology. This is followed by a brief introduction to social psychology, and to some of the problems of philosophy.

Assistant Professor PROCTER.

The second semester: The attempt is made by means of discussions, original papers, and assigned readings, to build up a system of ethical principles and to apply them to various problems of individual and social life.

Professor PRATT.

Philosophy 3-4. History of Philosophy

Prerequisite, PHILOSOPHY 1-2.
Junior elective course.

Group letter, **M**

The aim of this course is to acquaint the student with the development of philosophic thought in ancient Greece and Rome and in Western Europe from the Middle Ages up to the present century. The leading philosophers are read in connection with a text-book, and this is supplemented by assigned historical reading, lectures, written papers, and discussion.

Professor PRATT and Assistant Professor PROCTER.

Philosophy 5-6. Social Psychology and Social Ethics

Prerequisite, PHILOSOPHY 1-2.
Junior elective course.

Group letter, **D**

The first semester: A study of the fundamental principles of human nature as they work themselves out in society, and the psychological aspect of various social problems.

Professor PRATT.

The second semester: An investigation of the concept of justice and of social institutions in the light of this concept.

Assistant Professor PROCTER.

Philosophy 7-8. Contemporary Metaphysics

Prerequisite, PHILOSOPHY 3-4.
Senior required course in the Philosophy Major.

Group letter, **G**

The first semester will be devoted to a study of modern realism and to the problem of consciousness. In the second semester the problems of philosophy will be discussed from an idealistic standpoint.

Throughout the year the pro-seminar method will be used with reports, discussions, and an original paper from each student.

Professor PRATT and Assistant Professor PROCTER.

RELIGION

Professor MORTON and Professor PRATT.

Religion 1-2. History of Religions

Junior elective course.

Group letter, **L**

The first semester: The more important ideas and institutions of the religions of primitive peoples are first considered, after which the religions of China, India, Persia, Israel, and Islam are taken up in some detail. The instruction is by lectures with short quizzes, required reading from the *Sacred Books*, and reports on them.

Professor PRATT.

The second semester: The religions of Greece and Rome, and the chief developments of Christianity to the beginning of the mediæval period. Lectures, required reading, and a thesis.

Professor MORTON.

Religion 3. Medieval Christianity

Prerequisite, RELIGION 1-2 or PHILOSOPHY 1-2.
Senior elective course.

Group letter, I

A study of the thought and emotion of Catholicism at the period of its greatest vitality. Lectures, required reading, and a thesis. Professor MORTON.

Religion 5. The Nature of Religious Experience

Prerequisite, RELIGION 1-2 or PHILOSOPHY 1-2.
Senior elective course.

Group letter, M

The chief facts of religious experience as interpreted by ancient and modern thought. Lectures, required reading, and a thesis. Professor MORTON.

Religion 6. The Fundamental Problems of Religion

No prerequisite.
Senior elective course.

Group letter, M

A search for the Reality corresponding to the assumptions and the aspirations of religion. The arguments of natural theology justifying belief in God. Lectures, required reading, and a thesis. Professor MORTON.

HISTORY OF ART AND CIVILIZATION

Professor WESTON

Art 1-2. History of Art from Antiquity through the Italian Renaissance

Prerequisite, HISTORY 1-2.
Junior elective course.
Fee, \$8.

Group letter, H

Beginning with the civilization of Egypt, the architecture and sculpture of Antiquity and the Middle Ages and the painting of the Italian Renaissance are studied as the expression of the civilization and ideals of each period. In addition to the three regular exercises of the course, each student is required to attend a weekly conference hour with the instructor. Illustrative matter is furnished by lantern views, photographs, and charts. Lectures and weekly assignments of reading. (The second semester of this course is omitted in 1922-23.)

Art 3. Painting and Architecture

Prerequisite, ART 1-2.
Senior elective course.
Fee, \$3.50.

Group letter, L

This course is a study of the development of the northern schools of painting in the fifteenth and sixteenth centuries and of the architecture of the Italian

Renaissance and its influence in other countries. Lectures and weekly assignments of reading. Each student is required to attend a weekly conference hour with the instructor.

[Art 4. Painting of the Seventeenth, Eighteenth, and Nineteenth Centuries

Prerequisite, ART 1-2.

Omitted in 1922-23

Senior elective course.

Fee, \$3.50.

The aim of this course is to familiarize the student with each important school of painting and to furnish a basis for independent judgment. Each student is required to attend a weekly conference hour with the instructor.]

CLASS IN DRAWING

In addition to the courses in the history of art, the department offers this year instruction in drawing. This course will be under the direction of Mrs. William M. R. French and is open to all students. The class will meet once a week through the year. No college credit is given for this work.

DIVISION III

MATHEMATICS

Professor HARDY, Assistant Professor SHEPARD,* Assistant Professor AGARD,
Assistant Professor DODD, and Assistant Professor WELLS.

Mathematics 1-2. Plane Trigonometry, Advanced Algebra, Analytical Geometry, and Surveying

Freshman course, optional with PHYSICS 1-2.

Group letters, I, **D**; II, **E**; III, **A**; IV, **B**; V, **E**; VI, **C**; VII, **H**

Plane Trigonometry. Logarithms; trigonometric functions; trigonometric analysis; solutions of right and oblique triangles.

Advanced Algebra. Graphical methods; complex numbers; determinants; theory of equations.

Analytical Geometry of straight line, circle, parabola, ellipse and hyperbola.

Field Work in Surveying. This portion of the course is optional.

Professor HARDY, Assistant Professor DODD, and Assistant Professor WELLS.

Mathematics 3-4. Analytical Geometry and Calculus

Prerequisite, MATHEMATICS 1-2 or ADMISSION MATHEMATICS *B*, *D*, and *F*

Group letters, I, **A**; II, **G**; III, **D**; IV, **G**

Sections I and IV are reserved for those who have not had MATHEMATICS 1-2 in college.

Sophomore elective course; optional with PHYSICS 1-2 for Freshmen who have college credit in Admission Mathematics *B*, *D*, and *F*.

Graphs of algebraic and transcendental functions; analytical geometry of conics and special curves; parametric equations; polar coordinates. Differentiation with applications to geometry and mechanics. Integration. Space geometry.

Professor HARDY, Assistant Professor DODD, and Assistant Professor WELLS.

Mathematics 5-6. Differential and Integral Calculus

Prerequisite, MATHEMATICS 3-4.

Group letter, **K**

Junior elective course.

This course continues the work begun in *Mathematics 3-4*, and takes up more advanced methods of integration; the determination of lengths, areas, volumes, mean values, centers of gravity, moments of inertia, approximate integration, etc. It also includes a discussion of Taylor's Series and an introduction to differential equations.

Professor HARDY.

* Absent on leave.

Mathematics 7-8. Descriptive Geometry

Prerequisite, MATHEMATICS 3-4.

Group letter, **H**

Junior elective course.

Problems of the straight line and plane, curved surfaces, intersections and development of surfaces, simple warped surfaces. Elements of shades and shadows, and perspective. Anthony and Ashley's *Descriptive Geometry* and Fishleigh's *Problems* are used as text-books. Assistant Professor AGARD.

Mathematics 9. Differential Equations

Prerequisite, MATHEMATICS 5-6.

Group letter, **B**

Senior elective course.

Methods of solution of the simpler forms of ordinary and partial differential equations, integration in series, applications to problems in geometry and the physical sciences, etc. The course is based on Murray's *Differential Equations*. Assistant Professor WELLS.

Mathematics 10. Modern Methods in GeometryPrerequisite, MATHEMATICS 5-6 or MATHEMATICS 7-8. Group letter, **B**

Senior elective course.

Projection, projective and perspective relationships, harmonic and anharmonic ratios, involution, conics, poles and polars, reciprocation, inversion, etc. Assistant Professor WELLS.

Statistics 1-2

Prerequisite, MATHEMATICS 1-2.

Group letter, **I**

Junior elective course.

The first semester: *Mathematics of Finance*. Theory of interest and discount; annuities; amortization; valuation of bonds; sinking funds and depreciation. Methods of computation of interest-tables and bond-tables. Introduction to actuarial mathematics; endowments, life annuities, computation of insurance premiums and reserves. *Mathematics of Finance*, by Rietz, Crathorne, and Rietz is the text-book used.

The second semester: *Theory and Methods of Statistics*. Collection and compilation of statistics; graphical methods; averages; interpolation; frequency distributions; probability curve; measures of dispersion and correlation. Analysis of statistical tables. Important sources of published statistics. Use and computation of index-numbers, with special study of the statistical methods used by the Harvard Committee on Economic Research. A two-hour laboratory period will take the place of one of the three exercises each week.

Professor DODD.

PHYSICS

Professor McELFRESH, Assistant Professor BRINSMADE, Mr. EATON, and Mr. FREY.

Physics 1-2. General Physics

Freshman course, optional with MATHEMATICS 1-2, or with MATHEMATICS 3-4 for Freshmen who have college credit in Admission Mathematics B, D, and F.

Fee, \$5.

Group letters, I, C; II, K

This course deals with the elementary facts and principles of physics and with the applications of physical laws to the experiences and phenomena of daily life. It includes elementary mechanics, sound, heat, light, magnetism, and electricity. Lectures and recitations (two hours a week) and laboratory work (one two-hour exercise a week). Problem work throughout the year. For laboratory work the class is divided into small sections; two-hour periods are assigned for this work to fit individual schedules.

Professor McELFRESH, Assistant Professor BRINSMADE, Mr. EATON, and Mr. FREY.

Physics 3-4. Experimental Physics

Prerequisite, PHYSICS 1-2.

Group letter, L-M

Sophomore elective course.

Fee, \$10.

Mechanics, sound, heat, light, magnetism, and electricity. This course consists of a series of physical measurements in the laboratory, accompanied by lectures. The lectures deal with the methods and principles involved in the laboratory work and also discuss certain physical problems that do not readily lend themselves to laboratory experimentation. In the laboratory work high-grade instruments of precision are employed, and the course is expected to give some skill in accurate measurement. The primary object of the laboratory work is to enable the student to familiarize himself with physical phenomena by direct personal observation. Lectures and recitations (one hour a week), and laboratory work (two two-hour periods a week). Problem work throughout the year.

Professor McELFRESH, Assistant Professor BRINSMADE, and Mr. EATON.

Physics 5-6. Electricity and Magnetism

Prerequisite, PHYSICS 3-4. Students taking this course must have taken or be taking MATHEMATICS 3-4.

Junior elective course.

Group letter, C

Fee, \$10.

This course consists of lectures, assigned reading, problems, and laboratory work. The subject is approached from the modern viewpoint, and the mathe-

mathematical theory is sufficiently developed to give a clear, quantitative understanding of electromagnetic phenomena and of their present-day practical applications. The laboratory work is of an advanced character intended to stimulate individual initiative. Lectures and recitations (two hours a week), and laboratory work (one two-hour period a week).

Assistant Professor BRINSMADE.

Physics 7-8. Mechanics

Prerequisites, MATHEMATICS 3-4 and PHYSICS 1-2. Group letter, **G**
Senior elective course.

The general principles of mechanics of solids; statics and kinetics of rigid bodies; elasticity of solids, liquids, and gases; statics and kinetics of liquids and gases. Lectures and problems.

Professor McELFRESH.

CHEMISTRY

Professor MEARS, Assistant Professor KING, Mr. ADRIANCE, and Mr. SMEDLEY.

Chemistry 1-2. General Chemistry and Qualitative Analysis

Sophomore elective course.

Group letters, **A-B**

Fees { \$3 and breakage the first semester;
\$10 and breakage the second semester.

The first semester: *General Chemistry*. The principles of chemistry are studied in connection with the non-metals and their compounds. This course is given by experimental lectures, supplemented by recitations and practical work in the laboratory.

The second semester: *Metallic Chemistry and Qualitative Analysis*. A course of lectures is given on the occurrence, properties, and use of the metals and their compounds.

Most of the time is devoted to qualitative analysis in the laboratory. This work includes the reactions of the principal bases and acids, their detection and separation. Professor MEARS, Assistant Professor KING, and Mr. SMEDLEY.

Chemistry 3-4. Organic Chemistry

Prerequisite, CHEMISTRY 1-2.

Junior elective course.

Group letters, **D-E**

Fee, \$10 and breakage.

The first semester: *Organic Chemistry*. Lectures on the compounds of carbon, including the history of chemistry and its development to the present time, completing the work begun in *Chemistry 1-2*.

Assistant Professor KING.

The second semester: *Advanced Organic Chemistry*. The principles of

organic chemistry are applied to the preparation and analysis of organic compounds in the laboratory, with a discussion of the reactions involved. Cohen's book on organic preparations is used.

Professor MEARS and Assistant Professor KING.

Chemistry 5. Quantitative Analysis

Prerequisite, CHEMISTRY 3-4.

Senior elective course.

Group letters, **G-H**

Fee, \$10 and breakage.

This course embraces the quantitative determination and separation of the principal bases and acids. Both gravimetric and volumetric methods are employed.

Professor MEARS.

Chemistry 6. Advanced Quantitative Analysis

Prerequisite, CHEMISTRY 5.

Senior elective course.

Group letters, **G-H**

Fee, \$5 and breakage.

This course is a continuation of *Chemistry 5* and includes the analysis of minerals and various other products closely related to industrial processes and to daily life.

Professor MEARS.

Chemistry 7. Advanced Inorganic Chemistry

Prerequisite, CHEMISTRY 3-4.

Senior elective course.

Group letters, **F-J**

Fee, \$5 and breakage.

This course includes lectures, recitations, and reports upon the more important technical operations, together with the preparation of inorganic compounds and a discussion of the reactions and processes involved in their production.

Assistant Professor KING.

Chemistry 8. Physical Chemistry

Prerequisite, CHEMISTRY 3-4.

Senior elective course.

Group letters, **F-J**

Fee, \$5 and breakage.

This course consists of lectures and recitations on the modern theories of physical chemistry together with experimental work in the laboratory.

Assistant Professor KING.

[Chemistry 10. Physiological Chemistry

Prerequisite, CHEMISTRY 3-4.

Senior elective course.

Omitted in 1922-23

Fee, \$5 and breakage.

The lectures in this course consist of a discussion of those chemical substances peculiar to animals, and of the facts of physiological chemistry.

The laboratory practice is designed to acquaint the student with the more important constituents of animal matter and their chemical behavior, particular attention being given to metabolism.]

GEOLOGY AND MINERALOGY

Professor CLELAND and Mr. SCHMIDT.

Geology 1-2. General Geology

Junior elective course.

Group letters, I, B; II, C

The purpose of the course in general geology is to give the student such knowledge of the principles of geology that he may be able to appreciate what he sees of the earth's surface and to understand what force or forces have produced the features of the landscape. A study is also made of the forces themselves, such, for example, as erosion, glaciers, volcanoes, and earthquakes. Some time is spent on the life of the past, in a description not only of the animals that lived in the various periods of the earth's history but also of the changes that took place in their structure and habits, and, as far as possible, of the causes that produced these changes.

Excursions in the vicinity of Williamstown, as well as one or two to more distant points, are taken in each semester.

The first semester: That portion of the subject included in (a) *Dynamical Geology*, which deals with the forces that have shaped, and are now shaping, the earth's surface, such as weathering, streams, glaciers, volcanoes, and earthquakes, is considered. (b) *Structural Geology*. In this division of the subject the structure of the earth's crust and the more important rocks and minerals of which it is composed are studied.

The second semester: The origin and occurrence of ores are first studied. This is followed by the major work of the semester, the study of evolutionary geology. The animals of the past, as shown by their fossil remains, are discussed particularly with regard to their bearing upon the theory of evolution. The fossils in the collections and a number of casts, together with a large collection of lantern slides of restorations, are used in illustration.

Professor CLELAND.

Geology 3. Mineralogy

Prerequisite, GEOLOGY 1-2 and CHEMISTRY 1-2.

Group letter, E

Senior elective course.

Fee, \$3.

This course aims to give the student a knowledge of the commoner and economically valuable minerals and is a desirable preparation for Economic Geology, *Geology 4*. The work consists of blow-pipe and chemical tests, as well as sight identification of minerals. A brief course in crystallography is included.

The following mineral groups are studied: iron, manganese, nickel, cobalt, zinc, tin, titanium, lead, arsenic, antimony, molybdenum, copper, mercury, silver, gold, platinum, potassium, sodium, lithium, barium, strontium, calcium, magnesium, aluminum, boron, silica, and the silicates. Professor CLELAND.

Geology 4. Economic Geology

Prerequisite, GEOLOGY 1-2.
Senior elective course.

Group letter, **E**

Beginning with a more detailed study of those subjects which are essential to the understanding of economic geology, the aim of the course is to afford the student a practical knowledge of the mineral products of the United States, such as oil, coal, gypsum, salt, iron, lead, copper, silver, and gold. Special attention is paid to the origin of the various deposits studied, with particular reference to the general principles governing the deposition and occurrence of each economic product discussed. Each student is required to present a typewritten report, as the result of his own observation, of some local mine, quarry, or other deposit of economic importance.

Professor CLELAND.

[Geology 5. Regional and Economic Geography]

Prerequisite, GEOLOGY 1-2.
Senior elective course.

Omitted in 1922-23

This course includes a study of those fundamental environmental factors, such as physiography, climate, and the distribution of natural resources, that exert an influence on the economic and political development of a region and determine or influence transportation routes, commerce, agriculture, and political boundaries.]

[Geology 6. A Continuation of Geology 5]

Prerequisite, GEOLOGY 5.
Senior elective course.

Omitted in 1922-23

This course continues the study of regional and economic geography on lines similar to those followed in *Geology 5*.]

BIOLOGY

Professor KELLOGG, Professor HOWARD, Assistant Professor HOAR, and Mr. GAUB.

Biology 1-2. Introductory Course

Sophomore elective course.
Fee, \$5.

Group letters, **G-H**

This course is divided into three parts:

(a) The first of these deals with the fundamental properties of living matter, the cell, characters of higher animals and higher plants, the practical and theoretical impossibility of separating, except arbitrarily, the so-called animal and plant "kingdoms," etc.

(b) *Zoölogy of the Invertebrates*. Considerable time is given to a laboratory study of the structure and activities of single-celled forms. This is followed by a consideration of great groups, represented by sponges, hydras, starfish, worms, crawfish, insects, and bivalves, that are studied in the laboratory.

(c) *The Theories of Biology*. Most of the time is given to early and recent theories of evolution, and many special problems connected with them, particularly those concerning man. Laboratory work on the invertebrates is continued through this period.

Professor KELLOGG, Assistant Professor HOAR, and Mr. GAUB.

Biology 3-4. A Continuation of Biology 1-2

Prerequisite, BIOLOGY 1-2.

Group letters, F-J

Junior elective course.

Fee, \$5.

(a) *Zoölogy of the Chordata*. As in *Zoölogy of the Invertebrates*, instruction is by means of lectures, recitations, and laboratory work. The fishes, amphibia, reptiles, birds, and mammals are studied comparatively by means of dissections in the laboratory.

(b) *Embryology*. The second semester is given to a study of the development of the starfish, worm, frog, chick, and mammal. In the first three forms special attention is given to the early stages which follow fertilization. The work on the chick is outlined by a text-book, and followed in the laboratory by means of preparations, some of which are made by the student. It covers the development from the beginning of incubation to a stage in which the more important organs of the body have appeared. Mammalian development is compared with that of the chick, which it closely resembles, but is studied in the laboratory only by means of models and demonstration preparations.

Professor KELLOGG.

Biology 5-6. Botany

Prerequisite, BIOLOGY 1-2.

Group letters, L-M

Junior elective course.

Fee, \$5.

During the first few weeks a study is made of the morphology and physiology of the various units of the plant (cell, leaf, root, stem, flower and fruit).

(a) *Cryptogamic Botany* (algae, fungi, mosses, and ferns). A study of the lower forms of plant life with relation to their gradual evolutionary development. Special reference is made to the morphology, relationship, and means of control of pathogenic fungi (molds, mildews, blights, smuts, rusts, etc.).

Sufficient time is spent on the mosses and ferns to show their relationship to the lower and higher forms.

(b) *Phanerogamic Botany*. A study of higher plants; their relation to extinct forms (Paleobotany), and their importance to man.

Assistant Professor HOAR.

Biology 7. Bacteriology

Prerequisite, BIOLOGY 3-4 or BIOLOGY 5-6.

Group letters, F-J

Senior elective course.

Fee, \$5.

The first part of the course is given to a study of general bacteriology, including methods of classification, factors necessary for growth, culture methods, stains, staining, etc. The latter portion is given over to the study of pathogenic bacteria and their relation to man; such as powers of resistance, pathogenesis, distribution, channels of infection and means of dissemination, variations in the nature of infectious disease, antitoxins, vaccines, etc.

Assistant Professor HOAR.

Biology 8. A Continuation of Biology 7

Prerequisite, BIOLOGY 7.

Group letters, F-J

Senior elective course.

This course is a continuation of *Biology 7* and includes a study of dairy bacteriology, soil microbiology, and the microorganisms found in water. In connection with the last some time is spent in a study of water purification and sewage disposal.

Assistant Professor HOAR.

Physiology 1. An Elementary Study of the Mechanism of Life

Prerequisite, BIOLOGY 3-4 or BIOLOGY 5-6.

Group letter, K

Senior elective course.

Attention is centered chiefly on the structure and function of the human body, but the facts of general physiology are constantly employed to throw light on the special problems of human physiology. The physical and chemical features of the material basis of life are discussed first. Following this the physiology of the cell is briefly surveyed. The remainder and larger part of the course is a study of the income of material and energy to the body, comprising the subjects of alimentation, respiration, circulation, and metabolism. As far as time and the nature of the subject permit, the facts of physiology are demonstrated to the class, and the discussions are based as far as possible on these observed phenomena. Class-room instruction is supplemented by reading of references in the manuals and periodicals of the science.

Professor HOWARD.

Physiology 2. A Continuation of Physiology 1

Prerequisite, **PHYSIOLOGY 1**.
Senior elective course.

Group letter, **K**

This course continues the study of physiology on lines similar to those followed in *Physiology 1*. The means by which the body is adapted to its environment is the main topic. This comprises a study of the neuro-muscular mechanism, the central nervous system, and the organs of sensation.

Professor HOWARD.

ASTRONOMY

Professor MILHAM.

Astronomy 1-2. Introductory

Prerequisite, **PHYSICS 1-2**.
Junior elective course.

Group letters, **I, I; II, H**

This course is divided into two parts, descriptive astronomy and an introduction to spherical and practical astronomy. In the descriptive astronomy a text-book, *Young's Manual of Astronomy*, is used as a basis of instruction. Numerous supplementary lectures are given, and the course is illustrated by charts and photographs. Such topics as the time service of the country, the origin of our calendar, the presence of an atmosphere in the case of the moon and the planets, and the cosmogony, are treated at length. During the second part of the course lectures on modern observatories, their location, equipment, and work, are given. Experimental demonstration and practical exercises in the observatory constitute a large part of the instruction during the last part of the second semester.

Astronomy 3-4. Navigation and Practical Astronomy

Prerequisites, **ASTRONOMY 1-2** and **MATHEMATICS 1-2**.
Senior elective course.

Group letter, **B**

The Navigation portion consists of dead reckoning, piloting, signaling, and deep-sea navigation. The Practical Astronomy consists in the use of the instruments of the observatory for the determination of latitude, longitude, and time. A few weeks are also devoted to meteorology and the construction, care, and accuracy of time-keepers, particularly precision clocks and chronometers.

Astronomy 5. Theoretical Astronomy

Prerequisites, **ASTRONOMY 1-2** and **MATHEMATICS 5-6**.
Senior elective course.

Group letter, **C**

The mathematical side of astronomy is here considered. Elliptic motion, place in orbit, place in space, and the computation of orbits are treated.

PHYSICAL EDUCATION

Professor MESSER, Mr. SEELEY, and Mr. GRAHAM.

Physical Training

Freshman required course. Three forty-five minute periods a week throughout the year.

Group letters, I, **B**; II, **C**; III, **E**; IV, **H**; V, **L**; VI, **F**

The class work consists of marching, calisthenics, and light gymnastics, including swimming, boxing, and wrestling. During the spring and fall terms the work is mainly out of doors.

Shortly after the opening of college in the fall, each new student receives a physical and health examination, the object of which is to discover any existing defects of the heart, lungs, eyes, or muscular development. Particular attention is given to the fitness of candidates for the athletic teams.

Physical ability tests are given at the beginning of the fall, winter, and spring terms. Those who pass these tests will be permitted to substitute for the prescribed work of the course practice with such of their class athletic teams as are under the supervision of the Department.

Hygiene

One hour a week during the first semester.

Freshman required course.

Group letters, I, **M** (Mon. only); II, **M** (Tues. only); III, **M** (Thurs. only)

The course consists of a series of lectures, recitations, and assigned readings on the preservation of health. The lectures are designed to acquaint the student with the causes of disease, to point out the conditions of healthy living, and to inculcate those habits that promote physical and mental efficiency. In several lectures attention is given to the problems of public health, especially those of safeguarding the food-supply and stamping out communicable disease.

Professor MESSER.

GENERAL INFORMATION

ORDER AND DISCIPLINE

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure, in the largest measure, his coöperation with the Faculty in the development of his own character. But if such coöperation is plainly impossible, a student may be dismissed from college at any time, even without previous warning.

HONOR SYSTEM

All college examinations are conducted under an honor system, established in 1896, by which the presence of proctors in the examination room is dispensed with and each student is placed on his honor. The following signed declaration is necessary to make any examination or other work written on paper in the class-room valid: *I have neither given nor received aid in this examination.*

All cases of suspected fraud are dealt with by a committee of ten students, including representatives from each class, who have the power to decide on the question of guilt and to recommend to the Faculty the penalty of dismissal from college in the case of a Senior, Junior, or Sophomore, and of suspension in the case of a Freshman.

REGISTRATION

All students are required to register in person on Wednesday or the morning of Thursday at the beginning of the college year; and again shortly before the beginning of the second semester.

ATTENDANCE ON COLLEGE EXERCISES

Attendance on all individual appointments in any department and on all semi-annual or final examinations is required of all students; attendance on nine-tenths of all other secular exercises is required of those Seniors, Juniors, and Sophomores, whose grades during the previous semester were as high as B in at least half their courses and as high as C in all their courses; and attendance on nineteen-twentieths of these exercises is required of all other students.

Every student is allowed to be absent from the Sunday morning chapel services twice each semester. The number of allowed absences from morning prayers and Sunday vespers combined is twenty-four, of which not more than eighteen are applicable to morning prayers.

The regulation of attendance on both the secular and the religious exercises is entrusted to the Dean. He is authorized to establish such rules for attendance on the religious exercises of the college as he may deem necessary, and to place on probation any student who fails to meet these requirements, or whose attendance on recitations and lectures is especially irregular. If a student does not comply with the conditions of the probation, the Dean may dismiss him from college; but any student thus dismissed has the right of an appeal through the Dean to the Committee on Administration.

RECORDS AND REPORTS

A report of scholarship is sent by the Assistant Dean to every student's parents or guardian at the close of each semester, and at such other times as the Faculty may deem expedient. A permanent record of each student's scholarship is kept, and by this record his promotion and graduation are determined.

MASTER OF ARTS

The degree of Master of Arts is conferred upon Bachelors of Williams College of at least one year's standing who, having spent one year in residence at the college, pursuing two approved

courses of study as explained below, have passed a satisfactory examination in each subject, and have submitted a satisfactory thesis.

The degree is conferred upon Bachelors of Williams College who have spent one year in residence at any academic institution, pursuing two approved courses as below, provided that none of the work taken for the degree be used in fulfillment of the requirements for degrees elsewhere, and having been registered for the Master's degree for not less than one college year, have fulfilled the conditions as to examinations and thesis.

The degree is conferred upon Bachelors of Williams College who, not having been in residence, but having been registered as candidates for the degree not less than two years, have fulfilled the conditions as to courses, examinations, and thesis.

Undergraduates of Williams College who at the beginning of their Senior year require not more than three semester courses to complete the requirements for the Bachelor's degree may apply some of the remaining courses allowed them toward the Master's degree, receiving the same one year after graduation, provided that they have satisfied the conditions as to courses, examinations, and thesis. Only advanced undergraduate courses will be accepted for the degree, and in no case shall these courses form the whole of either a major or a minor graduate course.

Undergraduates of Williams College who complete their work for the Bachelor's degree at the end of the first semester may continue in residence as candidates for the Master's degree, subject to the following restrictions: (a) Any undergraduate who has completed the requirements for graduation and who wishes to take an undergraduate course to be counted toward the Master's degree shall attend and complete this course in the manner prescribed for undergraduates, except that attendance on the last college exercise before and the first college exercise after holidays and recesses will not be required of him. (b) If he takes one, two, or three undergraduate courses, he shall pay to the College Treasurer the sum of twenty dollars a semester for each course. If he takes more than three courses, he shall pay the tuition required of other undergraduates.

The candidates mentioned in the previous paragraph may receive the Master's degree one year after graduation, provided that they have satisfied the conditions as to courses, examinations thesis, and fees.

The degree is conferred upon Bachelors of other colleges conferring the Bachelor's degree under conditions equivalent to those required at this college, provided that the approved courses are pursued in residence at Williams College under the specified conditions as to time, examinations, and thesis.

Each candidate must submit two related courses of study, which together shall be equivalent to the work of a fifth college year, based in all respects upon work completed for the Bachelor's degree. Of these courses, one, to be known as the major course, must be equivalent to at least three-fifths of the assigned work and the other, to be known as the minor course, must be equivalent to at least two-fifths of the assigned work.

Each candidate will outline his courses under the direction of the heads of the departments interested and the Committee on Graduate Students, who together shall be empowered to decide whether the candidate may pursue certain advanced undergraduate courses as part of the work leading to the degree.

Candidates for the Master's degree are required to pass their examinations with at least a grade of B.

The thesis required of each candidate must treat a subject related to the major course. It must be submitted not later than May fifteenth of the year in which the candidate desires to be examined, and must meet with the approval of the professor to whose department it is related and of the Committee on Graduate Students. A copy of the thesis, printed or typewritten on paper of the size generally used in a typewriter, must be deposited in the College Library.

Each candidate must file his registration with the Chairman of the Committee on Graduate Students not later than October fifth of the year in which he desires to enter on his work. The registration must be renewed not later than October fifth of each year for which the applicant desires to be considered a can-

didate, and, in case of non-resident candidates, the renewal of the registration must be accompanied by a statement showing the progress that has been made during the year.

Candidates for the degree must pay to the Treasurer of the College twenty dollars at the time of the first registration, and five dollars at the time of the final examination. No further charge is made for the diploma.

The degree must be taken not later than three years after the first registration, unless the period be extended by special vote of the Committee on Graduate Students. The candidate must give notice of his readiness for the final examinations not later than May first of the year during which he expects to receive the degree. The examinations, however, may be taken earlier than the end of the final year of study, subject to the following restrictions: (a) The examination for the major course *in residence* may not be taken earlier than the spring recess following the date of registration; and that for the minor course *in residence* not earlier than the end of the first semester following the date of registration. (b) The examination for the major course *in absentia* may not be taken earlier than the end of the first semester of the year following the date of registration; and that for the minor course *in absentia* not earlier than the spring recess of the year of registration.

The examination for the degree shall be conducted as follows:

(a) The written examinations for the major and the minor shall be read by at least two members of each department concerned, or, if a department consists of but one member, they shall also be read by a member of an allied department.

(b) The thesis shall be approved by at least two members of the department in which the major is assigned, or, if this department consists of but one member, it shall also be approved by a member of an allied department. The thesis shall also be approved by the Committee on Graduate Students.

(c) There shall be oral examinations conducted by the departments in which the major and the minor are assigned, at which members of at least one other allied department shall be invited

to be present and vote, and also a representative of the Committee on Graduate Students.

Candidates in residence who desire special instruction will be charged forty dollars for each course, in addition to the prescribed fees for registration and examination. This will entitle them to one weekly period of instruction in each course. An additional charge may be made for the use of laboratory apparatus.

The college catalogue will contain the names of those candidates who take the assigned courses *in residence*, but not the names of those who pursue work *in absentia*.

Successful candidates for the degree are required to be present at the time when the degree is conferred, unless previously excused by the Board of Trustees.

Communications relative to the Master's degree should be addressed to Professor M. N. Wetmore, Chairman of the Committee on Graduate Students.

PUBLIC WORSHIP

Chapel exercises are held every week-day morning and Sunday evening in the Thompson Memorial Chapel, and all students are required to be present.

On every Sunday morning, a preaching service is held in the chapel, at which the presence of all students not excused to attend elsewhere is required.

PREACHERS TO THE COLLEGE FOR THE YEAR

SEPTEMBER, 1921-JUNE, 1922

Rev. William P. Merrill, D.D.	New York City
Rev. William L. Sawtelle, D.D.	Scranton, Pa.
Rev. Herbert S. Johnson, D.D.	Boston
Rev. Joseph Twitchell	North Adams
Rev. Raymond Calkins, D.D.	Cambridge
Professor Albert P. Fitch, D.D.	Amherst
Rev. Samuel V. V. Holmes, D.D.	Buffalo, N. Y.
Rev. Henry E. Cobb, D.D.	New York City
Professor Hugh Black, D.D.	Union Theological Seminary
Rev. George L. Richardson, D.D.	Philadelphia, Pa.
President Clarence A. Barbour, D.D.	Rochester Theological Seminary

Rev. Harris E. Adriance	Englewood, N. J.
Rev. Y. Y. Tsu, D.D.	Union Theological Seminary
Rev. Harry L. Everett	Jersey City, N. J.
Dean Hughell Fosbroke, D.D.	General Theological Seminary
Rev. Charles G. Sewall	Rye, N. Y.
Rt. Rev. Charles Fiske, D.D.	Syracuse, N. Y.
President W. Douglas Mackenzie, D.D.	Hartford Theological Seminary
Rev. John S. Zelig, D.D.	Troy, N. Y.
Dean Charles R. Brown, D.D.	Yale Divinity School
Rt. Rev. Wilson R. Stearly, D.D.	Newark, N. J.
Professor Albert P. Fitch, D.D.	Amherst
President Clarence A. Barbour, D.D.	Rochester Theological Seminary
Rev. Robert R. Wicks, D.D.	Holyoke
Principal F. Boyd Edwards, D.D.	The Hill School, Pottstown, Pa.
Principal Alfred E. Stearns, L.H.D.	Phillips Academy, Andover
Rev. J. Franklin Carter, D.D.	Williamstown
President W. Douglas Mackenzie, D.D.	Hartford Theological Seminary
Very Rev. Howard C. Robbins, D.D.	New York City
Rev. Thomas P. Haig	Chicopee Falls
President Bernard I. Bell, D.D.	St. Stephen's College
Rev. Karl Reiland, D.D.	New York City
Rev. Frank L. Janeway	Annapolis, Md.
Rev. S. S. Drury, D.D.	St. Paul's School, Concord, N. H.
Rev. Vincent Ravi-Booth	Bennington, Vt.
Rev. John H. Randall, D.D.	New York City
Rev. George A. Gordon, D.D.	Boston

LIBRARY

The College Library contains 101,176 volumes, exclusive of duplicates, and about 20,500 pamphlets. The card catalogue covers the entire classified collection. For the maintenance of the library \$17,270.84 was expended during the past year. The Mrs. Amos Lawrence, Jonathan Phillips, J. Ruthven Adriance, D. A. Jones, R. H. Pruyn, Class of 1878, Josiah William Wheeler, Stephen and Mary Stickney Memorial, John Savary, Class of 1883, and Elizabeth and Sarah Pattison funds represent a capital sum of about \$172,000, the income from which is increased by gifts, and by special appropriations of the Trustees.

Students have direct access to all books. They may draw three volumes at a time, to be retained, if desired, for two weeks,

with the privilege of one renewal. Abundant facilities are afforded for reading, study, and writing during library hours.

The library is open every week-day during the entire year. From September until Commencement the hours are from 8 A. M. to 12 M., from 1 P. M. to 6 P. M., and from 7.30 P. M. to 10 P. M. On Sundays during the college year the library is open for reading and reference only, from 2.30 P. M. to 5.25 P. M. In the summer, the library hours are from 9 A. M. to 12.30 P. M.; but, during the sessions of the Institute of Politics, the hours are from 9 A. M. to 12.30 P. M., and from 2 P. M. to 6.30 P. M.

To coöperate with the instruction in particular subjects, selected books bearing on the semester's work are placed in reserve in the various branch libraries. Assistants are in charge of the reading rooms in Griffin Hall, where books on history, economics, and government are shelved, and in Goodrich Hall, which contains material in modern and ancient languages and on philosophy and religion. Special libraries in the Thompson Laboratories contain books on biology, physiology, chemistry, physics, and astronomy; in Clark Hall on geology; and in Hopkins Hall on mathematics.

A comfortable reading room, well supplied with daily and weekly papers and other current literature, is maintained under the auspices of the Williams Christian Association in Jesup Hall. The Commons Room in Currier Hall is likewise supplied with current literature.

In the reading rooms of Lawrence Hall is a valuable collection of paintings, bas-reliefs, Etruscan vases, and Peruvian pottery, the gift of the late Mrs. John W. Field, of Philadelphia.

During the academic year 1922-1923, the Library will be transferred to Stetson Hall, the new fire-proof library building, containing spacious reading rooms, the latest devices and equipment for efficient modern library administration, and a metal stack with a book capacity of over 200,000 volumes.

LABORATORIES

The departments of Biology, Chemistry, and Physics are located in the three buildings presented to the college by the late F. F. Thompson, of New York, N. Y.

The Biological Laboratory contains three laboratories for the various courses offered, a general lecture room, a library and reading room where much of the current literature of biology is kept on file, also a room for illustrative collections, and an aquarium. The work of instruction and research commands the aid of suitable apparatus, such as microscopes, microtomes, ovens, baths, and other necessary appliances, together with a large series of charts, models, and illustrative collections. There is also a complete stereopticon outfit, with projection microscope and arc light.

The Chemical Laboratory is a modern fireproof building well supplied with the various appliances for instruction in chemistry. The building contains four large laboratories, five small laboratories adapted to special purposes, lecture and recitation rooms, and a reference library.

The Physical Laboratory contains a well-appointed lecture room, a recitation room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a ten horse-power induction motor. The electrical equipment includes a five kilowatt dynamo, several smaller dynamos and motors, and standard instruments for measuring current-strength, voltage, resistance, capacity, etc. A storage battery of fifty cells furnishes current for the lecture room and laboratories.

OBSERVATORIES

The Department of Astronomy possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in 1838, and contains an equatorial by Phelps of Troy, N. Y., with an object glass by Alvan Clark, Senior, which has an aperture of seven inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. The meridian room of the Hopkins Observatory contains a fine portable transit which can be used as a zenith telescope, together with two clocks and a chronograph.

Another room contains the meteorological apparatus. Meteorological observations have been made regularly since 1816.

In another part of the town a plot, comprising five acres and a half, was purchased in 1881 for astronomical purposes. At present this enclosure contains the Field Memorial Observatory, an iron meridian house, built at the expense of David Dudley Field, together with a small building for the accommodation of portable instruments. The main instrument of this observatory is a meridian circle by A. Repsold & Sons of Hamburg, with a telescope of 4.8 inches aperture.

In addition, the Department of Astronomy is provided with a large number of portable instruments, among which are two telescopes for the simpler observations and three surveyor's transits, one of them a Wanschaff universal with seven-inch limb, latitude level, and microscopes reading to 5" directly. There are also several instruments of reflection, including sextants, sailor's octants, and two prismatic circles, three chronometers, artificial horizons, and other small pieces of apparatus.

GEOLOGICAL MUSEUM

The second floor of Edward Clark Hall is used for the geological collections. The collections, though not large, have been carefully selected and arranged and contain many choice specimens of minerals, rocks, and fossils.

Of special interest are the collection of precious and semi-precious cut stones donated largely by R. Clifford Black, of the Class of 1900, which is being gradually enlarged by additional stones secured by purchase or gift; the collection of 175 polished specimens (4 x 6 inches) of foreign and domestic marbles presented to the college by Francis E. Bowker, of the Class of 1908; polished sections of tree trunks of petrified wood from the petrified forest of Arizona; the McGregor restorations of the skulls of Paleolithic Man; restoration of dinosaurs, fishes, and other vertebrates; the local collection of rocks and minerals; and a relief map of the region about Williamstown on a scale of two inches to the mile.

The nucleus of the mineral collection is the Wilder Cabinet, which was purchased and presented to the college by Edward Clark, the donor of the building that bears his name. In the early days of the college Professor Ebenezer Emmons presented his collection of North Carolina fossils as well as some from New York State, and from this the present collection of fossils grew. Through the generosity of the late Morris K. Jesup, as well as by means of the annual appropriations, vertebrate and invertebrate fossils have been purchased; and this section of the Museum has been made more valuable for class-room as well as for exhibition purposes. T. Nelson Dale's donation of local rocks has made the collection of local rocks and minerals nearly complete.

A collection of modern shells, the gift of missionary alumni and others, is on exhibition.

Models illustrating mountain structure, folding, and faulting; relief maps, crystal models, and other devices for illustrating geological features, are either on exhibition or are available for those who are interested.

The museum is open to the public each week-day of the college year from 10 A. M. to 12 M. and from 2 P. M. to 4 P. M.

AUDITORIUM

Chapin Hall, the gift of Alfred C. Chapin, of the Class of 1869, contains an auditorium seating about 1300 and is equipped with an organ of unusual size and quality. Here are held the Commencement exercises, organ recitals, concerts, and dramatic entertainments. A smaller hall in the building is used chiefly for debating.

GYMNASIUM

The Lasell Gymnasium was erected and equipped through the generosity of the widow of Josiah Lasell, of the Class of 1844, and of his son, Josiah Manning Lasell, of the Class of 1886. The building is fitted with the usual apparatus for light and heavy gymnastics. It also houses a running track, swimming

pool, lockers, shower baths, and rooms for massage. The gymnastic work of the students is under the immediate supervision of competent instructors.

FIELD SPORTS

The smaller athletic fields near the college buildings afford opportunity for practice in tennis and baseball, while Weston Field, and the tract known as the John M. Cole Field, afford opportunity for baseball, football, soccer, hockey, cross-country running, and track athletics. The golf links and tennis courts of the Taconic Golf Club are open, on moderate terms, to student players.

COLLEGE INFIRMARY

Each student cared for at the Thompson Infirmary is charged two dollars a day. In case a physician is called in or a special nurse is needed, the expense is to be borne by the person requiring the service, and the infirmary is to be reimbursed for all expense and at the rate of nine dollars a week for the nurse's board. In case of contagious disease, nurses charge extra for services. Board bills are to be paid to the College Treasurer.

A medical staff has been appointed by the Trustees of the college, composed of the following physicians: Dr. Vanderpoel Adriance, Dr. Frederic H. Howard, and Dr. Norman B. McWilliams.

A physician other than a member of the staff may attend a student at the infirmary, provided a written request to that effect, designating the physician, is received by the Dean of the college from the parent or guardian of the student.

THOMPSON COURSE OF ENTERTAINMENTS

This course, which for many years was sustained by the liberality of the late F. F. Thompson, of New York, N. Y., provided concerts and other entertainments during the winter. Mrs. Thompson has generously offered to continue the course for the current year.

Last year the entertainments were:

1921

- Nov. 17. Thomas Wilfred, Songs of the Troubadour
Dec. 6. William Beebe, "A Naturalist in the Guiana Jungle"

1922

- Jan. 12. The Mordegia Trio
Feb. 9. Maximilian Pilzer, Violinist
Francis Moore, Pianist
Feb. 17. The Shakespeare Playhouse Company in "Candida"
Mar. 31. Jeanne Laval, Contralto
Apr. 24. Tony Sarg's Marionettes

CLASSICAL SOCIETY

The Classical Society, composed of instructors and students in the elective Greek and Latin courses, has for its object the increase of interest in the study of the classics. It holds regular meetings for the reading of classical authors, for the discussion of papers, and for reports in the fields of Greek and Latin philology and archæology.

PHI BETA KAPPA

The Williams, or Gamma of Massachusetts, chapter of Phi Beta Kappa was established July 21, 1864. The highest standing one-fourteenth of each class is elected to membership at the end of the Junior year. Sufficient men to make up one-seventh of the class are elected after the mid-year examinations of the Senior year, provided that none fall below the minimum standing prescribed by the society.

HONORS

Honors for high scholarship will be awarded by the Faculty at the end of each college year. The names of the recipients will be read at the Commencement exercises and will be printed in the next annual catalogue. The names of Seniors taking honors may also be printed on the Commencement program.

DEGREES WITH DISTINCTION

The Faculty will recommend to the Trustees that the degree of Bachelor of Arts *cum laude* be conferred upon all members of

the graduating class who have received grades equivalent to three-fourths of their semester courses of grade B and one-fourth of grade C; that the degree *magna cum laude* be conferred upon those who have received grades equivalent to one-half of their semester courses of grade A and one-half of grade B; and that the degree *summa cum laude* be conferred upon those who have received grades equivalent to three-fourths of their courses of grade A and one-fourth of grade B.

SOPHOMORE HONORS

Sophomore honors will be awarded at the end of Sophomore year to all students who have attained grades of the same excellence as is required for the degrees with distinction at graduation.

FINAL HONORS IN SPECIAL FIELDS

Final honors will be awarded to all students who attain the grade of A or B in the Junior and Senior courses of their Major Group.

Highest final honors will be awarded to all students who attain a grade of A in all the courses of their Major Group.

PRIZES

RHETORICAL PRIZES

On Friday evening preceding Commencement, ten speakers, appointed equally from the Junior and the Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars, a part of which was given by Elizur Smith, of Lee, is appropriated for these prizes.

The Trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman class for excellence in declamation.

BENEDICT PRIZES

Erastus C. Benedict, of the Class of 1821, once an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded annually for excellence

in the following departments: Latin, Greek, French, German, Mathematics, Natural History, and History; and seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.* Honorable mention is here counted as a prize. In case of a tie, the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

BOOK PRIZES FROM THE RICE FUND

Six book prizes will be awarded from the Rice fund for excellence in Latin and Greek to students who are not recipients of the Benedict prizes in those subjects.

GRAVES PRIZES

The late Arthur B. Graves, of the Class of 1858, founded seven prizes, amounting to two hundred dollars, which may be awarded as follows: six prizes of twenty dollars each for the best six essays prepared by members of the Senior class, on subjects assigned by the Faculty; and one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience. The essays must be deposited in the library.

VAN VECHTEN PRIZE

A prize amounting to seventy dollars, established by A. V. W. Van Vechten, of the Class of 1847, may be awarded for extemporaneous speaking. The assignment of this prize will be made by a committee of the Faculty on the basis of a public competition.

* For the present an additional sum of \$75.00 will be given each year by a friend of the College to increase the prize to \$100.00.

RICE PRIZES

The income of five thousand dollars, left to the college by the late James Lathrop Rice, is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in both departments, but no prize will be assigned to a student who has not taken the subject for the four years of the college course. One of the elective year-courses, however, may be passed off by examination; but a course so passed may not count toward a degree.

DEWEY PRIZE

The late Francis Henshaw Dewey founded a prize of fifty dollars to be awarded to the member of the graduating class who presents the most creditable oration in point of composition and delivery at the Commencement exercises.

LATHERS PRIZE AND MEDAL

The income of a fund of one thousand dollars, received from the late Richard Lathers, is to be used each year as a cash prize of about fifty dollars and also for the making of the Lathers bronze medal from a mould or die, for the manufacture of which Col. Lathers gave an additional sum of one hundred dollars. This cash prize and medal will be offered in competition to all members of the Senior class who hand to the Secretary of the Faculty, on or before the first day of March preceding their graduation, a written essay of not less than one thousand words

on a subject indicated by the Faculty concerning the duty or relation of citizens to the government, and will be assigned to that writer whose essay is pronounced by a committee of the Faculty to be the most worthy of publication. The essay selected shall then be sent by the Secretary of the Faculty to the *Springfield Republican*, or to a journal published in Pittsfield, with the request that it may appear in an early issue of such newspaper. In case none of the competing essays is adjudged worthy of publication, no medal for that year will be awarded.

The subject for the current year is, "The duties and responsibilities, under popular institutions, of the citizen who is opposed to a war in which his country is engaged."

DAVID A. WELLS PRIZE

In accordance with the will of the late David A. Wells, of the Class of 1847, a prize of \$500 will be awarded annually for the best essay upon a subject in any one of a number of branches of Political Science.

The will provides that if no essay deemed worthy of the prize be presented in any year the award shall be withheld for that year. The successful essay will be printed and circulated by the college out of the residual income of the fund.

Competition is limited by the terms of its foundation to Senior undergraduates, and to graduates of Williams College of not more than three years' standing.

The following provision of the will of the founder of the competition governs the committee in the selection of subjects and in the consideration of essays:

"No subjects shall be selected for competitive writing or investigation and no essay shall be considered which in any way advocates or defends the spoliation of property under form or process of law; or the restriction of commerce in times of peace by legislation, except for moral or sanitary purposes; or the enactment of usury laws; or the impairment of contracts by the debasement of coin; or the issue and use by Government of

irredeemable notes or promises to pay intended to be used as currency and as a substitute for money; or which defends the endowment of such 'paper,' 'notes,' and 'promises to pay' with the legal tender quality."

The subject for the competition for the prize for 1924 will be announced during the winter of 1922-1923. President Garfield will furnish competitors with the titles of authorities on the subject on application.

The essays in the competition must be sent by March 15, 1924, to the President of the college, to whom all communications should be addressed.

The competition for the prize of 1924, with the qualifications already stated, is open to the members of the Classes of 1921, 1922, 1923, and 1924.

CANBY ATHLETIC SCHOLARSHIP PRIZE

A prize of fifty dollars, established by W. Marriott Canby, of the Class of 1891, may be awarded at Commencement to that member of the Senior class who shall have attained the highest average standing in scholarship during his course, and who shall have fulfilled the requirements of eligibility.

Any member of the Senior class who has been in college since the beginning of his Junior year, and who, at any time during his college course, has represented the college in any recognized intercollegiate athletic contest, shall be eligible.

JOHN SABIN ADRIANCE PRIZE IN CHEMISTRY

John Sabin Adriance, of the Class of 1882, has given a fund of one thousand dollars, the income of which is to be given to that person who, in the opinion of the instructors in the Department of Chemistry, has maintained during his course the highest rank in all the courses offered in that department.

CONANT-HARRINGTON PRIZE IN BIOLOGY

This prize, which yields twenty-five dollars annually, has been founded by the Class of 1893 in memory of their deceased class-

mates, whose names it bears. The award of this prize is made, upon the recommendation of the Professor of Natural History, to that member of the Senior class who, in his judgment, is best fitted to profit by advanced biological study. The money thus awarded will be used to pay the tuition fee of such student at the Marine Biological Laboratory, Woods Hole.

GREEK PRIZES

The sum of one hundred dollars, contributed annually, for the present, in memory of the late Eugene Delano, of the Class of 1866, is awarded in three prizes of fifty, thirty, and twenty dollars respectively, to the members of the Junior class who have shown the greatest excellence in the Greek studies of the Sophomore and Junior years.

FRANCIS W. RAWLE MEMORIAL CUP

By the gift of Felton Bent and Henry D. Riley, of the Class of 1895, a cup, to be known as the Francis W. Rawle Memorial Cup, will be awarded annually on the thirtieth day of May to that member of the Freshman class who, in the opinion of the Athletic Council and the Faculty, or a committee thereof, shall have shown during his first full year in college the most marked progress in those branches of athletics that now are, and hereafter may be, prescribed by the Faculty as courses to be taken by the Freshman class. It is further required that the recipient of the cup shall have maintained during his first year an average of at least C in his college work.

FRATERNITY SCHOLARSHIP CUP

A silver Scholarship Cup, presented by a member of the Class of 1899, will be awarded annually to that fraternity which, in the opinion of the Committee on Prizes, exhibits the highest scholarship as evidenced by the comparative grades received by members of the various fraternities. The cup will be presented for permanent possession to the first fraternity which wins it for three different years.

THE WILLIAM BRADFORD TURNER PRIZES

In memory of William Bradford Turner, of the Class of 1914, who was killed in action in France in September, 1918, Charles P. Turner has established a fund which endows two prizes of \$150 each, one to promote the study of American History and of the habits of government which have inspired the Republic from its beginning, the other to be awarded to that member of the graduating class who, in the judgment of the graduating class, shall have best fulfilled during his course his obligations to the college, his fellow students, and himself. The competition for the History prize is open to students who have taken or are taking either History 3-4, the Junior course in American History, or Government 1-2, the Junior course in American and foreign constitutions. Subjects suitable for essays shall be chosen by the candidates from a list prepared each autumn by the Department of History. The essay must be handed in by May fifteenth.

ROCKWOOD TENNIS CUP PRIZE

In memory of Lieutenant Richard Burton Rockwood, of the Class of 1916, who was killed in action in France, his mother, Mrs. R. L. Rockwood, has given a fund of one thousand dollars, the income from which is to purchase a cup to be awarded annually to the winner of the singles in the fall tennis tournament.

In 1921 the cup was won by Harold Huntting Cook, of the Class of 1925.

LEONARD S. PRINCE MEMORIAL SWIMMING PRIZE

In memory of the late Leonard Sidney Prince, of the Class of 1914, a fund of \$1,000 has been donated by his father, S. L. Prince, the income from which is to be used for the purchase of a prize, or prizes, to be presented to the member, or members, of the Freshman class who shall be successful in a swimming and diving meet. This meet is open to all Freshmen and is held prior to the selection of the college swimming team.

HENRY R. CONGER MEMORIAL PRIZE

Members of the Class of 1899 have established a fund for a prize

which will be awarded annually in memory of their classmate, Henry Rutgers Conger, for the best contribution of either prose or poetry submitted to the *Graphic*. The merit of these contributions will be judged by a committee consisting of the Professor of Rhetoric, the Professor of English Literature, and a third member to be chosen by them.

THE BELVIDERE BROOKS MEMORIAL MEDAL

Alumni of the college, friends of Captain Belvidere Brooks, of the Class of 1910, who was killed in action at Villesavoye, France, August 21, 1918, have established a fund known as the Belvidere Brooks Memorial Medal Fund. From the income of this fund a medal is to be purchased annually and presented at the close of the football season, by the President of the college, to that member of the team whose playing during the season has been of the greatest credit to the college; but no person shall receive the medal more than once. The player to receive this honor is to be selected by a committee made up of the chairman of the Faculty Committee on Athletics, the head coach, and the manager of the team.

In 1921 the medal was awarded to Edward Albert Fargo, Jr., of the Class of 1922.

HORACE F. CLARK PRIZE SCHOLARSHIPS

Two Horace F. Clark Prize Scholarships, in honor of Horace F. Clark, of the Class of 1853, have been established under the provisions of the will of Madame Marie Louise Souberbeille, his daughter.

These two scholarships of \$500, which in exceptional cases may be combined in a single prize of \$1,000 or may be continued to the same holder for more than one year, are awarded annually to such member or members of the Senior class as may be chosen by the Faculty on the basis of superior scholarship, general ability, and interest in scholarly research, the sum to be paid in instalments at the end of each quarter. Competitive examinations on designated subjects connected with the regular studies

of the course and supplementary thereto may be required to test the ability of the candidates.

WILLIAMS COLLEGE GREEK FELLOWSHIP

The sum of \$800 is contributed annually to enable a member of the graduating class, who shows scholarly promise and has distinguished himself in the fields of Latin and Greek classics, to pursue his studies at Athens, at the American School of Classical Studies. The appointment is made by the Faculty on the recommendation of the Departments of Greek and Latin, and may be withheld if there is no suitable candidate. The fellowship is paid in two instalments, at Commencement and in January.

SCHOLARSHIPS

HONOR SCHOLARSHIPS

Several "Honor Scholarships" have been founded by alumni and friends of the college, in order to afford pecuniary aid, and to recognize successful scholarship. But under the present system all scholarships are considered "Honor Scholarships," and therefore these special "Honor Scholarships," five in number, are now merged in the general list in accordance with previous announcements.

GENERAL SCHOLARSHIPS

The income from the endowments included in the appended list, amounting to about \$10,500 annually, is distributed, by direction of the Trustees, to those students who are known to need aid.

The regulations are as follows:

1 Applications must be made in advance to the Committee on Scholarships upon forms provided by the Chairman. Scholarships granted at the beginning of the college year will be continued through the year, except when forfeited for causes mentioned in paragraph 7. All scholarships lapse at the close of the college year. Application for renewal, including a complete statement of income and expenditure for the year preceding, must be filed before July first on forms that may be obtained from the Chairman.

2 All promises of scholarships to students before their admission are provisional. If entrance conditions or college deficiencies are standing against the candidate when the college years opens, his scholarship may thereby be forfeited.

3 All holders of scholarships are expected to carry five courses, except that for the second semester of the Senior year, four instead of five courses may be sufficient.

4 Freshmen receive a stipend of ninety-five dollars for the first semester. If warranted by grades attained in the first semester, this stipend may be increased for the second semester, according to the scale given below.

After the Freshman year, stipends range from one hundred and ninety to two hundred and fifty dollars per annum, payable by semesters, and are regraded at the beginning of each year on the basis of the standing attained during the previous year, according to the following scale:

Group 1	\$125.00 per semester
Group 2	117.50 per semester
Group 3	110.00 per semester
Group 4	102.50 per semester
Group 5	95.00 per semester

5 A Freshman who fails to obtain grades as high as C in at least six semester courses will lose his scholarship for the following year. (See 8 below.)

6 After the Freshman year, a student who fails to obtain grades as high as C in at least eight semester courses will lose his scholarship for the following year.

7 Any one of the following causes may prevent the consideration of an application, or cause the forfeiture of a scholarship already awarded:

- (a) Evidence satisfactory to the Committee that the scholarship is not needed;
- (b) Gross neglect of work;
- (c) Any serious misconduct;
- (d) Indulgence in intoxicating liquors;

(e) Expensive habits. Holders of scholarships must satisfy the Committee that they are exercising strict economy in respect to room, board, and general living expenses.

8 A scholarship may be restored after the lapse of a semester, if the cause of forfeiture has been removed.

Lists of all holders of scholarships, except Freshmen, are printed in the catalogue in groups according to grades.

LIST OF SCHOLARSHIP FUNDS

The John C. Baldwin Fund, 1871.....	\$27,915.14
The William Hilton Fund, 1897, 1899.....	25,710.00
The Alumni Scholarship Fund, 1870.....	10,000.00
The Stephen Stickney Family Memorial Fund, 1910.....	10,000.00
The Walter Edwards Fund.....	11,600.00
The Mrs. Abby Burrall Mills Fund, 1876.....	8,300.00
The Massachusetts Fund, 1869.....	7,500.00
The Woodbridge Little Fund, 1811, 1813.....	6,000.00
The Ebenezer R. Goodnow Scholarship Fund, 1894.....	6,000.00
The William Eadie Leech Scholarship, 1918.....	6,000.00
The Moses Day Fund, 1880.....	5,000.00
The Milton B. Whitney Fund, 1916.....	5,000.00
The Thomas Thornton Read Permanent Fund, 1888.....	5,948.93
The Mary Brown Ward Warner Scholarship, 1909.....	5,133.13
The Wolcott H. Johnson Scholarship.....	5,000.00
The Thomas Hope Brooks Scholarship, 1922.....	5,000.00
The Albert Adams Sercomb Memorial Scholarship, 1922.....	5,000.00
The Three Commonwealth Scholarships, 1861.....	4,500.00
The Abraham Lansing Scholarship, 1919.....	7,641.80
The Horace Nathaniel Pennoyer Scholarship, 1895.....	3,500.00
The Francis Henshaw Dewey Scholarship, 1888.....	3,000.00
The Henshaw Scholarship, 1888.....	3,000.00
The Joseph White Memorial Scholarship, 1903.....	3,000.00
The Dr. Edward Newton Beale Scholarship, 1916.....	3,000.00
The Thomas Thornton Read Scholarship, 1875.....	2,500.00
The Scholarship of the Class of 1851.....	2,500.00
The Scholarship of the Class of 1852.....	2,500.00
The Mrs. Louisa F. Bartlett Scholarship, 1874.....	2,500.00
The Homer Bartlett Scholarship, 1861, 1874.....	2,500.00
The William Hyde Scholarship, 1869, 1875.....	2,500.00
The Mrs. William Hyde Scholarship, 1880.....	4,756.25
The Orrin Sage Scholarship, 1853, 1875.....	2,500.00

The Miss Sarah Ruth Sage Scholarship, 1880	\$4,756.25
The Hancock Scholarship, 1875	2,500.00
The Olin White Geer Memorial Scholarship, 1884	2,500.00
The Paul Ansel Chadbourne Scholarship, 1889	2,500.00
The Charles Henry Thomson Scholarship, 1871	2,500.00
The James Ruthven Adriance Memorial Scholarship, 1880	2,500.00
The Samuel Dennis Warren Scholarship, 1870	2,500.00
The Charles Franklin Gilson Scholarship, 1881	2,500.00
The Scholarship of the Class of 1867	2,500.00
The Scholarship of the Class of 1862	2,500.00
The Ephraim Flint Scholarship, 1904	2,500.00
The Abraham Lansing Scholarship, 1906	2,500.00
The Henry P. Brush Scholarship, 1885	2,375.00
The Amos Lawrence Scholarship, 1847	2,000.00
The John Cowperthwaite Tyler Memorial Scholarship, 1920 ..	2,607.51
The David E. Wheeler Memorial Scholarship, 1919	1,231.85
The Charles Augustus Dewey Scholarship, 1886, 1870	1,500.00
The Charles A. Jessup Scholarship, 1879	1,000.00
The Mrs. Robert Means Fund, 1857	1,000.00
The Abraham Baldwin Olin Scholarship, 1866	1,000.00
The George H. Rosseter Scholarship, 1873	1,000.00
The Newton Henry Rosseter Scholarship, 1870	1,000.00
The Mrs. Charlotte Cone Scholarship, 1856	1,000.00
The Charles Stoddard Scholarship, 1866	1,000.00
The Emory Washburn Scholarship, 1877	1,000.00
The Mrs. Sarah Woodhull Arms Scholarship, 1877	1,000.00
The Cryus Taggart Mills Scholarship, 1886	1,000.00
The Michael Edward Driscoll Fund, 1896	1,000.00
The George Anderson Scholarship, 1906	1,000.00
The Col. Henry Root Scholarship Fund, 1907	1,987.78
The Benjamin Howard Fund, 1902	952.50
The Ezra Starkweather Fund, 1835	943.60
The Franklin Marcellus Olds Fund, 1886	700.00
The Charles Milton Turell Scholarship, 1916	600.00
The Charles Merriam Scholarship, 1860	550.00
The J. Barker and Brothers Scholarship, 1856	500.00
The W. W. Mason Scholarship, 1856	500.00
The B. F. Bancroft Scholarship, 1856	500.00
The Bela Peck Williams Scholarship, 1859	500.00
The Thomas W. Williams Scholarship, 1859	500.00
The John Tatlock, Jr., Fund, 1892	500.00
The Charles Andrews Heath Fund, 1897	500.00
The Ira Jewett Geer Fund, 1902	500.00

The Fund of the Class of 1840.....	\$500.00
The Fund of the Class of 1857.....	500.00
The Fund of the Class of 1860.....	450.00
The Funds of six other classes.....	337.00
The Frank Benjamin Yates Fund, 1897.....	500.00
The Mrs. Betsey Barnes Fund, 1879.....	300.00
The Fund of the Class of 1848.....	300.00
The Fund of the Class of 1847.....	200.00
The Whiteside Hill Fund, 1922	200.00
Total.....	<hr/> \$271,996.74

The Horace F. Clark Prize Scholarship Fund of \$20,000 is not a part of the General Scholarship Fund, its income being distributed as prizes to all successful competitors without regard to their pecuniary circumstances, as is explained on page 123.

THE FRANCIS LYNDE STETSON SCHOLARSHIPS

Under the terms of the will of the late Francis Lynde Stetson, of the Class of 1867, eight scholarships are provided for, as follows: "I give to the President and Trustees of Williams College at Williamstown, Mass., the sum of \$100,000 for the establishment and maintenance of not more than eight scholarships to be awarded to worthy, faithful, and competent students faithfully attending as undergraduates at Williams College, and coming from Clinton County, N. Y., preference being given to applicants in the following order: (1) Those from the city of Plattsburg, (2) from the town of Champlain, (3) from the town of Chazy, (4) from the town of Ausable, (5) from the town of Essex in Essex County; such scholarships to bear my name and to be awarded only to applicants whose qualifications as above stated shall be found sufficient in the opinion of the college Faculty to justify the award of such scholarships. * * * I intend to limit the operation of this fund to the youth of the North Country from which I and my parents came."

In accordance with these provisions of Mr. Stetson's will the Trustees have established eight scholarships of the annual value of \$600 each, to be awarded annually under the conditions above

stated, provided, however, that in each case the applicant shall have entered Williams College free of admission conditions. Each applicant must present a certificate from the Principal of his school that he is worthy, faithful, and competent.

The Francis Lynde Stetson Scholarships are subject to renewal each year, provided that the regulations governing the award of general scholarships, as stated in the current catalogue and in so far as they are applicable, have been fully and faithfully complied with.

Applications for the Stetson scholarships should be addressed to the Chairman of the Committee on Scholarships.

E. C. CONVERSE SCHOLARSHIP FUND

By the will of the late Edward Cogswell Converse a fund of \$50,000 has been established the income from which is to be used for the maintenance of scholarships. In accordance with the terms of the will these "scholarships are to be awarded to needy and deserving students under the direction and in the discretion of the President."

EXPENSES

Tuition, \$100 per semester.....	\$200.00	\$200.00
Room charge, \$30 to \$112.50 per semester.....	60.00	225.00
Board, \$3.50 to \$10 per week (38 weeks).....	323.00	380.00
Stationery, books, magazines, etc.....	30.00	30.00
Laundry, repair of clothes, etc.....	40.00	50.00
*Athletic tax, about 20 % of room charge.....	12.00	35.00
Light.....	5.00	9.00
Total.....	\$670.00	\$929.00

These items represent the most essential expenses for the year. Other expenditures must depend entirely upon the personal tastes and habits of the student.

*The athletic tax is imposed by vote of the student body for the purpose of defraying the expenses for the various athletic organizations. Students working their way through college, however, are exempted from this tax, and those holding scholarships are exempted from 25% of the normal tax. This tax, however, may, in no case, exceed \$35.

In addition to these items a fee is charged for the use of apparatus and materials in connection with the following courses:

<i>Art 1-2</i>	\$8.00		
<i>Art 3</i>	3.50		
<i>Art 4</i>	3.50		
<i>Biology 1-2</i>	5.00		
<i>Biology 3-4</i>	5.00		
<i>Biology 5-6</i>	5.00		
<i>Biology 7</i>	5.00		
<i>Chemistry 1</i>	3.00	and breakage	
<i>Chemistry 2</i>	10.00	"	"
<i>Chemistry 3-4</i>	10.00	"	"
<i>Chemistry 5</i>	10.00	"	"
<i>Chemistry 6</i>	5.00	"	"
<i>Chemistry 7</i>	5.00	"	"
<i>Chemistry 8</i>	5.00	"	"
<i>Chemistry 10</i>	5.00	"	"
<i>Geology 3</i>	3.00		
<i>Physics 1-2</i>	5.00		
<i>Physics 3-4</i>	10.00		
<i>Physics 5-6</i>	10.00		

An additional charge of \$10 is made on the last semester bill of the Seniors to cover expenses of graduation.

Every student's bill is mailed to him at the beginning of each semester, and he is held responsible for prompt payment, which is required in advance. In case any student fails to pay by the end of the second week after the date of the bill, he may be excluded from all college exercises. No part of a term bill will be refunded for any cause.

In accordance with a vote of the Trustees, any student unable to meet the expense of tuition may offer in payment of one-half of his tuition a promissory note, due five years from its date, and bearing interest at the rate of five per cent, payable annually. This note is to be endorsed by his father, guardian, or other person acceptable to the college.

Special damage done to college property by students will be charged to them.

Those who enter with advanced standing, unless they come from another college, pay the following sums as entrance fees: viz., Sophomores, \$10; Juniors, \$20; Seniors, \$30.

Every student taking more than five courses at the beginning of any semester will be charged a supplementary fee of \$10 for the extra instruction of that semester; and every student taking more than six courses at the beginning of any semester will be charged a supplementary fee of \$20 for the extra instruction of that semester.

COLLEGE ROOMS

The college has nine buildings used as dormitories, accommodating about four hundred and eighty students. Each room is provided with the essential articles of furniture, such as desk, chairs, table, bed, and chiffonier, but the student is expected to supply his own rugs, mattress, pillows, linen, and blankets. The buildings are heated from a central heating plant, are lighted by electricity, and have ample bath and toilet conveniences. The room charge includes heat and attendance, but light is extra. Necessary repairs are made by the college, but all additional work is at the expense of those who occupy the rooms.

Williams Hall, Williams Hall Annex and the new dormitory, now in process of construction, are to be reserved for members of the Freshman class.

Until May first of each year the two occupants of any room, except in the Freshman dormitories, may retain their room for the ensuing college year by renewing their application and paying half of the yearly charge. One student may hold his half of a double room by securing a roommate from his own class or from an upper class. The rooms not thus reëngaged are offered to the classes in college in order of their seniority, the choice in each instance being determined by lot. Applications for rooms in the Freshman dormitories will be listed in the order of their receipt and assignments will be made in this order so far as practicable.

To secure a room the applicant must sign the following paper:

The undersigned hereby applies for the assignment to him of one-half of Room No.....in.....for the college year..... subject to all the published room regulations, and for his personal use and occupancy as a student, and agrees to pay therefor as a part of the annual charges during said year against the undersigned as a student the sum of \$.... payable in half-yearly payments. The first half-yearly payment shall be payable when the assignment is made, and no part thereof shall be refunded under any circumstances.

The payment of one-half of the yearly charge when the assignment is made is required of all who take college rooms, both those already members of the college and those intending to enter.

The man who signs for a room must occupy it himself; he cannot transfer it. No double room is secured until both applications are on file with the Treasurer. Each occupant of a college room is held responsible for all damage done to his room.

Students who leave college at the end of the college year, as well as those who are to change from one room to another, or from a college room to a private house or a society house, must remove all their own furniture and other property from their rooms immediately after the final examinations. Furniture not thus removed by the owner will be removed by college employees and stored at the owner's expense. This expense will be collected of students who leave college when the property is taken away, but in cases of other students it will be charged in the next term bill. All articles sent to students during vacation should be addressed care of the Superintendent of Buildings.

All students are required to reside in the college dormitories during their first two undergraduate years, unless excused by the Committee on Administration for reasons to be presented in writing by the applicant.

Descriptive lists and price lists of rooms and general information may be obtained on application to the Treasurer.

COMMONS

The College Commons in Currier Hall accommodates about one hundred and fifty men. The management is in the hands of

the Commons Club, a student organization, which arranges with a caterer for board. The present weekly charge is \$8.50. In addition to the dining room, a large and attractively furnished Commons Room is maintained.

WILLIAMS INN

The Williams Inn is a public inn, owned by a corporation composed of alumni of the college, and is open throughout the year.

HOLDERS OF SCHOLARSHIPS

The following list of holders of scholarships is considered an honor list. It includes the names of none who have not been in college for at least a year, and of none who failed to satisfy the requirements stated on pages 124-126. It therefore excludes the names of all Freshmen and other new students, though they may be receiving the pecuniary advantages of scholarships.

It excludes also the names of a few students who hold scholarships by special vote of the Trustees.

The list is based on the work of the last year, as explained in section 4 on page 125.

A few scholarships are dependent upon local considerations or personal nomination. Holders of such scholarships are placed in the groups which correspond to their standing, without regard to the actual value of the scholarships which they hold.

GROUP I

1924
William Allison Davis

1925
Edgar Preston Richardson, Jr.

GROUP II

1923
Cecil Jerome Haggerty

1925
David Brown

GROUP III

1923
Ernest Philip Gobeille
John Allen Reid
Henry Miller Stephens
Randolph Shepardson Towne

1925
Wyllis Eaton Wright

GROUP IV

1923

Frank Benjamin Carr
Egi Victor Fasce
Longstreet Hinton
Carl William Proctor
Ralph Winfield Scott

1924

John Coleman Bennett
Emil Joseph Calvacca
Cornelius Thurston Chase
Malcom Campbell McMaster
Horace Shepard Parker
Walter Franklin Pease
Robert Walrath Powell
Robert Niles Washburne

1925

Harold Whiting Cary
William Walter Commons
Harold Henning Dodds
Charles Lucas March
Mortimer Grover Weaver, 2nd

GROUP V

1923

John Nicholas Albert
Joseph Edward Burke
Clifton Heald Stowers
Samuel Winthrop Webb

1924

Reginald Nelson Blomfield
Theodore Albert Davis Niver

1925

Freeland Ray Cameron
John Edwin Dowling
Frederick Albert Frost
Frank Bird Gummey
Warren Elton Harrigan
Charles West Hinton
Howard Kenneth Moore
Burton Stevenson Munro
Parker Crosby Webb
Clifford Jerome Wood

PRIZES AWARDED AT COMMENCEMENT, 1922

RHETORICAL PRIZES

General Prize

Henry Miller Stephens.....Class of 1923

Junior Prizes

FIRST PRIZE—Lockwood Thompson.....Class of 1923

SECOND PRIZE—Grenville Strong Sewall.....Class of 1923

Sophomore Prizes

FIRST PRIZE—Charles Scoville Wishard.....Class of 1924

SECOND PRIZE—William Dixon Carr.....Class of 1924

Prizes for Freshman Declamation Contest

FIRST PRIZE—Mortimer Grover Weaver, 2nd.....Class of 1925

SECOND PRIZE—Kenneth Angle Owen.....Class of 1925

BENEDICT PRIZES

In Latin

FIRST PRIZE—William Allison Davis.....Class of 1924

SECOND PRIZE—Douglas Worth Olcott.....Class of 1924

In Greek

FIRST and SECOND PRIZES—equally divided among

John Coleman Bennett.....Class of 1924

Anthony Brayton.....Class of 1924

Lyndall Frederic Carter.....Class of 1924

In French

FIRST PRIZE—John Jay Buckner.....Class of 1923

SECOND PRIZE—equally divided between

Donald Cruse.....Class of 1922

Evan Mansfield Barton.....Class of 1924

In German

FIRST PRIZE—Milton Davis Sanford.....Class of 1924

SECOND PRIZE—Hampton Denman Ewing, Jr.....Class of 1922

HONORABLE MENTION—Herbert Bernard Greeff.....Class of 1923

In Mathematics

FIRST PRIZE—Winthrop Stuart Drury Class of 1924
 SECOND PRIZE—Edward Malcolm Bancker Class of 1923

In Natural History

FIRST PRIZE—Harry Mortimer Montgomery, Jr. Class of 1922
 SECOND PRIZE—Frank Benjamin Carr Class of 1923

In History

FIRST PRIZE—Hampton Denman Ewing, Jr. Class of 1922
 SECOND PRIZE—Hiram William Lyon Class of 1922
 HONORABLE MENTION—Joshua Harold Loizeaux Class of 1922

PRIZE FOR PRIZES

James Hendrick Terry Class of 1922

GRAVES PRIZES

For Essays—Class of 1922

Sterling Allen Brown
 Herbert Maxwell Brune, Jr.
 Hiram William Lyon
 Harry Klock Schauflier
 James Hendrick Terry
 Randolph Shepardson Towne

For Excellence in Delivery

James Hendrick Terry

VAN VECHTEN PRIZE FOR EXTEMPORANEOUS SPEAKING

James Hendrick Terry Class of 1922
 HONORABLE MENTION—Harry Clock Schauflier Class of 1922

RICE PRIZES

In Latin

SECOND PRIZE—Le Roy Southworth Hart Class of 1922

In Greek

Not Awarded

Book Prizes from the Rice Fund

William Dixon Carr Class of 1924
 Irving Speiser Dribben Class of 1924
 Eugene Augustus Hoffman Class of 1924
 Norman Stuart MacMillan Class of 1924
 Hosmer Parmelee Redfield, Jr. Class of 1924
 John Jacob Trounstone Class of 1924

DEWEY PRIZE FOR EXCELLENCE IN THE COMMENCEMENT
EXERCISES

Arthur Vreeland Youngman.....Class of 1922

LATHERS MEDAL AND PRIZE

Hiram William Lyon.....Class of 1922

DAVID A. WELLS PRIZE

Not Awarded

CANBY ATHLETIC SCHOLARSHIP PRIZE

Herbert Maxwell Brune, Jr.....Class of 1922

JOHN SABIN ADRIANCE PRIZE IN CHEMISTRY

Vincent Fiske Wilcox, Jr.....Class of 1922

HONORABLE MENTION—John Lawson Cameron.....Class of 1922

CONANT-HARRINGTON PRIZE IN BIOLOGY

Not Awarded

DELANO PRIZE IN GREEK

Not Awarded

PHILOLOGIAN-PHILOTECHNIAN EXTEMPORANEOUS SPEAKING
PRIZE

Contest Not Held

FRANCIS W. RAWLE MEMORIAL CUP

Townsend Putnam Coleman.....Class of 1925

FRATERNITY SCHOLARSHIP CUP

Phi Delta Theta

HORACE F. CLARK PRIZE SCHOLARSHIPS

Sterling Allen Brown.....Class of 1922

Randolph Shepardson Towne.....Class of 1922

THE WILLIAMS GREEK FELLOWSHIP

Not Awarded

**WILLIAM BRADFORD TURNER MEMORIAL PRIZE IN AMERICAN
HISTORY**

Equally divided between

Joshua Harold Loizeaux.....Class of 1922

Grenville Strong Sewall.....Class of 1923

WILLIAM BRADFORD TURNER MEMORIAL PRIZE

Harry Mortimer Montgomery, Jr.....Class of 1922

LEONARD S. PRINCE MEMORIAL SWIMMING PRIZE

Contest Not Held

HENRY P. CONGER MEMORIAL PRIZE

Everett Eddy Lyles.....Class of 1923

HONORS

FINAL HONORS IN SPECIAL FIELDS

HIGHEST FINAL HONORS

Earl Wendel Count—*French*
Vincent Fiske Wilcox, Jr.—*Physics*

FINAL HONORS

Sterling Allen Brown—*English*
Herbert Maxwell Brune, Jr.—*Physics*
John Lawson Cameron—*Mathematics*
Hampton Denman Ewing, Jr.—*History*
Joshua Harold Loizeaux—*History*
Harry Mortimer Montgomery, Jr.—*Biology*
Carl Frederick Muckenhaupt—*Physics*
Bruno Moritz Schmidt—*Chemistry*
Howard Caswell Smith, Jr.—*Chemistry*
Robert Whitelaw Smith—*Economics*
Clarke Williams—*Physics*
John Ellis Wilson—*Biology*

SOPHOMORE HONORS

Evan Mansfield Barton	Rodney Alan Kimball
John Coleman Bennett	Edward Cochrane McLean
Alan Rogers Blackmer	Norman Stuart MacMillan
Emil Joseph Calvacca	Ernest Addison Moody
William Allison Davis	Douglas Worth Olcott
Irving Speiser Dribben	George Olmsted, Jr.
Winthrop Stuart Drury	John Jacob Trounstone
Bertrand Calvert Greer	Rodney Washburn
	Ferdinand Justin Weber

DEGREES CONFERRED IN 1922

DEGREES IN COURSE

BACHELOR OF ARTS

Hartwell Borden Adams	Peter Baldwin Fleming
George Francis Baker, Jr.	William Arthur Gardiner
Russell Henry Bayly	Edward Williams Garfield
Alan Lamplough Becket	Marshall Grout
Albert William Bianchi	Charles Henry Gummey, Jr.
Clifford Emory Blake	Robert Herman Hahlo
Theodore Colescott Brandeis, Jr.	Charles Nicholas Harder
Storrs Talcott Brigham	Le Roy Southworth Hart
Paul Brown	William Washington Hastings
Trescott Avery Buell	William Huckel
Joseph Howard Bumsted	Otho Fairfield Humphreys, Jr.
Gregory Nott Camp	Douglas Anderson Hyde
Newton Brown Castle	Louis Sherwood Irwin
Alexander Hamilton Chapman	Charles Blystone Jarrett
Warren Cook Clark	Arthur Osborne Jennings
Clement Biddle Penrose Cobb	Edward Whitney Johnson
Sheldon Townsend Coleman	Charles Frederick Kellers
Walter Donald Coleman	Baucus Cronkhite Kellogg
David Norman Craig	Clarence Broughton Kilmer, Jr.
Donald Cruse	Joshua Harold Loizeaux
George Perrin Davis	William Paul Luedeke, Jr.
Walter Smith Davis, Jr.	William Roeder McLoud
Daniel Dewey	John Dingee Mendes
George Tufts Dewey, Jr.	Adelbert Lewis Merriam
Edwards Haven Dickinson	Donald Bedell Miller
Winthrop Bulkley Dillingham	John Rogerson Montgomery, Jr.
Randolph Doherty	Edgerton Grant North
Frederick Heber Eaton	John Burr Northrop
Stuart Franklin Edson	William Flagg Olmsted
Chapman Gardiner Elliot	George Nelson Ostrander, Jr.
Edward Albert Fargo, Jr.	Eric Howard Pattison
Le Grand Durby Feeley	Herbert Russell Pease
Francis Eugene Field	Phelps Phelps

Philip Phillips	Clinton Wolfe Schelling
Spencer Phillips	Edward Rees Seaman
Richard Laurance Plaut	Gilbert Page Simons
Henry Sherwin Prescott	Walter Knapp Slack
William Howard Prescott, Jr.	Sherwood Perry Smedley
Roger Preston	James Hendrick Terry
Ralph Earl Prime, III	Barent Sloane Vroman
Kenneth Frederick Pring	Dudley Brabner Wallace
William Rittenhouse Richardson	Henry Grant Wasson, Jr.
Edward John Rosenwald	Roger Wood Wentworth
Richard Edson Rowse	James Burnham Williams
Robert Rubino	Walter Bernard Wolfe
Harrison Kimball Sayen	Herman Hall Woodward
Harry Klock Schauffler	George Ezekiel Zalles, Jr.

CUM LAUDE

Philip Randall Blake, Φ . B. K.	Carl Frederick Muckenhaupt, Φ . B. K.
Sterling Allen Brown, Φ . B. K.	Bruno Moritz Schmidt
William Chapman Burger, Φ . B. K.	Howard Caswell Smith, Jr., Φ . B. K.
Earl Wendel Count, Φ . B. K.	Robert Whitelaw Smith, Φ . B. K.
Hampton Denman Ewing, Jr., Φ . B. K.	Randolph Shephardson Towne, Φ . B. K.
Henry Kirk Greer, Φ . B. K.	Vincent Fiske Wilcox, Jr., Φ . B. K.
Hiram William Lyon	Clarke Williams, Φ . B. K.
Everett Wilmer McNair, Φ . B. K.	John Ellis Wilson
Arthur Vreeland Youngman	

MAGNA CUM LAUDE

Herbert Maxwell Brune, Jr., Φ . B. K.	John Lawson Cameron, Φ . B. K.
Harry Mortimer Montgomery, Jr., Φ . B. K.	

CERTIFICATE AWARDED

George Barnes Secor

MASTER OF ARTS

John Frederic Schreiner	Clarence Andrew Tash
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HONORARY DEGREES

BACHELOR OF ARTS FOR WAR SERVICE

Nathaniel Shaw Norton	Donald Whitsell Wells
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MASTER OF ARTS

Mortimer Winfield Thomas

David Everett Wheeler (posthumously)

DOCTOR OF DIVINITY

George Angier Gordon

Everett Edward Lewis

DOCTOR OF HUMANE LETTERS

Stuart Pratt Sherman

DOCTOR OF LAWS

Charles Merrill Hough

Arthur Haynesworth Masten

STUDENTS

CANDIDATES (IN RESIDENCE) FOR THE DEGREE OF MASTER OF ARTS

Bruno Moritz Schmidt, B.A., 1922	55 Spring St.
<i>Geology</i>	<i>Chemistry</i>
Sherwood Perry Smedley, B.A., 1922	Grace Court
<i>Chemistry</i>	<i>Biology</i>

LIST OF ABBREVIATIONS

The following abbreviations are used in the addresses of students:

B. H. Berkshire Hall	M. H. Morgan Hall
C. H. Currier Hall	W. C. West College
E. C. East College	W. H. Williams Hall
F. H. Fayerweather Hall	W. H. A. Williams Hall Annex
J. H. Jesup Hall	

SENIORS—CLASS OF 1923

John Nicholas Albert	<i>Pittsfield</i>	20 B. H.
James Marshall Allen	<i>Clinton Corners, N. Y.</i>	Z ♣
John Walter Allison	<i>Brooklyn, N. Y.</i>	18 C. H.
John Nils Anderson	<i>Buffalo, N. Y.</i>	Z ♣
Severn Andrew Anderson, Jr.	<i>Buffalo, N. Y.</i>	Z ♣
Ernest Groesbeck Angevine	<i>Waban</i>	22 J. H.
Raymond Anthony	<i>Farmington, Conn.</i>	Φ Σ K
Edward Malcolm Bancker	<i>Brooklyn, N. Y.</i>	10 B. H.
Charles Montgomery Barnes	<i>New York, N. Y.</i>	Δ K E
Harland William Baxter	<i>Northampton</i>	Φ Γ Δ
Wingate Bixby, II	<i>Haverhill</i>	Σ Φ
Charles Boller	<i>Buffalo, N. Y.</i>	X ♣
Richard Herkimer Bowen	<i>Lowville, N. Y.</i>	22 J. H.
Charles Albert Boynton, Jr.	<i>Waco, Tex.</i>	Δ K E
Kenneth Phillips Britton	<i>Talcottville, Conn.</i>	B Θ Π
John Jay Buckner	<i>New York, N. Y.</i>	♣ T
Joseph Edwards Burke	<i>Troy, N. Y.</i>	16 W. H.
Daniel Blodgett Burnham, Jr.	<i>New York, N. Y.</i>	4 F. H.
John Crawford Byers	<i>Pelham Manor, N. Y.</i>	Φ Δ Θ
Bruce Nelson Campbell	<i>Northampton</i>	Δ T
Morgan Seaman Campbell	<i>Englewood, N. J.</i>	♣ T
Frank Benjamin Carr	<i>Holden</i>	10 B. H.
Edwin Nesbit Chapman, Jr.	<i>Adams</i>	Δ K E
Joseph Titcomb Chatman	<i>Swampscott</i>	Δ Δ Φ
Russell Crosby Clark	<i>New Brighton, N. Y.</i>	St. Anthony Hall
Alan Copeland Collins	<i>Wyncote, Pa.</i>	Δ K E
John Cornwall	<i>Short Hills, N. J.</i>	Δ Δ Φ
Malcolm Dunn	<i>Lee</i>	Σ Φ
John Rorbach Durfee	<i>Pottstown, Pa.</i>	Φ Δ Θ
Daniel Edgar Evarts, Jr.	<i>Jersey City, N. J.</i>	♣ T
Egi Victor Fasce	<i>Adams</i>	14 E. C.
Paul Russell Fitchen	<i>Albany, N. Y.</i>	Δ T
Ernest Philip Gobeille	<i>Williamstown</i>	7 Hall St.
Herbert Bernhard Greeff	<i>New York, N. Y.</i>	Φ Σ K
Lancaster Myron Greene	<i>Rochester, N. Y.</i>	Z ♣
Cecil Jerome Haggerty	<i>Holyoke</i>	17 B. H.
Meredith Hemphill	<i>New York, N. Y.</i>	St. Anthony Hall
John Carland Hilton	<i>Jersey City, N. J.</i>	♣ T
Longstreet Hinton	<i>Locust Valley, L. I.</i>	Φ Γ Δ
James Ludlow Hiss	<i>New York, N. Y.</i>	12 B. H.

Richard Sanford Hoffman	New York, N. Y.	St. Anthony Hall
Willard Evans Hoyt, Jr.	Williamstown	Δ Δ Φ
Samuel Hamilton Humes	Jersey Shore, Pa.	Σ Φ
Sherman Armstrong Jones	New York, N. Y.	Σ Φ
Stuart Craig Keen	Greenwich, Conn.	36 W. H.
John Dean Langmuir	Hastings-on-Hudson, N. Y.	16 F. H.
James Crate Larkin	Buffalo, N. Y.	K A
Henry Miller Lawder	Mt. Vernon, N. Y.	Δ K E
Hervey Crampton Lawder	Mt. Vernon, N. Y.	Δ K E
James Waltham Laws, Jr.	Swarthmore, Pa.	Δ Δ Φ
Tracy Kingsbury Livingston	Thompson, Conn.	Z Ψ
Denham Colby Lunt	Greenfield	Θ Δ X
Everett Eddy Lyles	Canaan, Conn.	Δ T
Herbert McAneny	New York, N. Y.	Φ Δ Θ
Gordon Wallace McCurdy	Rochester, N. Y.	Z Ψ
John Milton Mackie	Great Barrington	Δ Δ Φ
Charles Edward Maxwell	Montclair, N. J.	X Ψ
Raymond Mellen	Stockbridge	St. Anthony Hall
Umanosuke Minowa	Yokohama, Japan	27 Hoxsey St.
Edward Rogers Monjo	Stamford, Conn.	Φ Σ K
Stewart Wells Morse	Binghamton, N. Y.	Σ Φ
Teiji Nakakawaji	Kagoshimaken, Japan	12 W. C.
George Nebolsine	New York, N. Y.	K A
Kent Harwood Newton	Hartford, Conn.	B Θ Π
Alanson Weller Olmsted	Chicago, Ill.	Z Ψ
Frank James Owen	Pittsfield	14 E. C.
Courtlandt Budd Parker	Morris Plains, N. J.	Θ Δ X
Sherwood Townsend Peckham	New Rochelle, N. Y.	Φ Σ K
Haven Palmer Perkins	Birmingham, Ala.	15 C. H.
Carl William Proctor	Lunenburg	16 F. H.
William Bentley Quaintance, Jr.	New York, N. Y.	K A
Matthew Rankin	Chester, Pa.	9 B. H.
John Allen Reid	Quincy	3 E. C.
Joseph Thoms Resor	Cincinnati, O.	3 E. C.
Charles Stewart Richmond	Chatham, N. J.	Σ Φ
Wallace Everett Richmond, Jr.	Newtonville	Θ Δ X
Lawrence Bond Romaine	Morristown, N. J.	Ψ T
George Irving Rounds	Summit, N. J.	Δ T
Philip Rudnick	Williamstown	109 Cole Ave.
Richard August Ruether	Williamstown	63 Spring St.
Theodore Maynard Schenck	Brooklyn, N. Y.	39 W. H.
Ralph Winfield Scott	Washington, D. C.	2 F. H.
Richard Matthews Sellwood, Jr.	Duluth, Minn.	Δ Δ Φ

WILLIAMS COLLEGE

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Grenville Strong Sewall	<i>Rye, N. Y.</i>	K A
Francis Batchelder Shepardson	<i>Reading</i>	Φ Σ K
Edwin Shuttleworth, Jr.	<i>Douglaston, L. I.</i>	K A
Rutledge Simmons	<i>Brooklyn, N. Y.</i>	St. Anthony Hall
Henry Miller Stephens	<i>Yonkers, N. Y.</i>	12 B. H.
William Rufus Stephenson	<i>Duluth, Minn.</i>	A Δ Φ
Clifton Heald Stowers	<i>South Weymouth</i>	Φ Σ K
Edward Musgrave Sutton	<i>Brooklyn, N. Y.</i>	11 B. H.
Walter McDougall Taylor	<i>Newark, N. J.</i>	Ψ T
Orrin Thacker, Jr.	<i>Columbus, O.</i>	X Ψ
Lockwood Thompson	<i>Cleveland, O.</i>	Δ K E
David Jewett Tiffany	<i>Lyme, Conn.</i>	B Θ Π
Fred Vercoe, Jr.	<i>Columbus, O.</i>	Σ Φ
Royal Lee Vilas, Jr.	<i>Brooklyn, N. Y.</i>	Φ Δ Θ
Yoshio Wada	<i>Tokyo, Japan</i>	12 W. C.
Edwin James Wallace	<i>Los Angeles, Calif.</i>	X Ψ
James Crawford Ward	<i>Kansas City, Mo.</i>	Σ Φ
Samuel Winthrop Webb	<i>Lakewood, N. J.</i>	Φ Σ K
Henry Booth Wightman	<i>New York, N. Y.</i>	K A
Harold Stuart Wilson	<i>Paterson, N. J.</i>	Φ Δ Θ
Wallace Henry Witcombe	<i>Mount Vernon, N. Y.</i>	9 B. H.
Gaylord Ashlyn Wood	<i>Indianapolis, Ind.</i>	18 C. H.
Lytle Greenlease Zuber	<i>Cincinnati, O.</i>	15 C. H.
Total.....		106

JUNIORS—CLASS OF 1924

Edward Campion Acheson, Jr.	<i>Middletown, Conn.</i>	X ♀
Reginald Estabrook Anderson	<i>Grafton</i>	Θ Δ X
George Arthur Ayer	<i>Worcester</i>	Φ Σ K
Frank Troutman Balke	<i>Cincinnati, O.</i>	9 W. C.
Fahy Merrill Barker	<i>Bangor, Me.</i>	X ♀
Henry Lyman Barnes	<i>Minneapolis, Minn.</i>	Δ K E
John Wilcox Barnes	<i>New York, N. Y.</i>	Δ K E
Evan Mansfield Barton	<i>Hubbard Woods, Ill.</i>	14 W. C.
Malcolm Sterling Barton	<i>Hubbard Woods, Ill.</i>	14 W. C.
Geoffrey Rupert Bennett	<i>Williamstown</i>	X ♀
John Coleman Bennett	<i>Morristown, N. J.</i>	18 B. H.
Rulef Cornelius Bennett, Jr.	<i>Ridgewood, N. J.</i>	Φ Γ Δ
Paul Wheelock Bigelow	<i>Bellport, N. Y.</i>	♀ T
Albert Constant Bilicke	<i>Los Angeles, Calif.</i>	Z ♀
Alan Francis Bishop	<i>Lockport, N. Y.</i>	Z ♀
Alan Rogers Blackmer	<i>Oak Park, Ill.</i>	B Θ Π
Lawrence Hotchkiss Bloedel	<i>Seattle, Wash.</i>	K A
Reginald Nelson Blomfield	<i>Springfield</i>	12 E. C.
Anthony Brayton	<i>Fall River</i>	X ♀
Marvin Wilson Bridges	<i>Omaha, Nebr.</i>	Z ♀
Robert Bennett Brigham	<i>Newton Center</i>	Δ T
Lanphear Buck	<i>Fall River</i>	Δ T
Robert Treat Buck	<i>Fall River</i>	Δ T
Emil Joseph Calvacca	<i>Brooklyn, N. Y.</i>	27 B. H.
William Marriott Canby, 3d	<i>Philadelphia, Pa.</i>	Δ K E
Edward Jewett Carleton	<i>New York, N. Y.</i>	St. Anthony Hall
Horace Milne Carleton	<i>New York, N. Y.</i>	♀ T
William Dixon Carr	<i>Albany, N. Y.</i>	K A
Lyndall Frederic Carter	<i>Needham Heights</i>	Φ Γ Δ
Alfred Hastings Chapin, Jr.	<i>Springfield</i>	St. Anthony Hall
Cornelius Thurston Chase, Jr.	<i>Great Barrington</i>	♀ T
Henry Schuyler Cole	<i>Indianapolis, Ind.</i>	Δ T
William Bolton Cook	<i>Port Chester, N. Y.</i>	Φ Σ K
Lewis Covell Copeland	<i>Northampton</i>	Φ Γ Δ
John Thomas Corsa	<i>Vero, Fla.</i>	♀ T
George Roth Craig	<i>Pittsburgh, Pa.</i>	Δ T
William Allison Davis	<i>Washington, D. C.</i>	2 F. H.
George Ludwig Degener, Jr.	<i>New York, N. Y.</i>	29 M. H.
Linsley Villars Dodge	<i>New York, N. Y.</i>	10 M. H.
Irving Speiser Dribben	<i>New York, N. Y.</i>	11 W. H.

Winthrop Stuart Drury	Northampton	24 E. C.
Hugh Pierrepont Etheridge	Salem	10 M. H.
Benjamin Thompson Fawcett	Newton	Z Ψ
Charles Moon Fenner	Meriden, Conn.	Θ Δ X
Allen Whitman Fincke	Englewood, N. Y.	16 W. H.
Samuel Lester Fuller, Jr.	New York, N. Y.	11 W. H.
Lascalles Alexander Geddes	Montclair, N. J.	1 C. H.
Harmon Sheldon Graves, Jr.	New York, N. Y.	St. Anthony Hall
Norvin Ruliffson Greene	Rochester, N. Y.	Z Ψ
Bertrand Calvert Greer	North Adams	Δ T
Russell Parker Harding	Brooklyn, N. Y.	7 W. C.
Allan Healy	Chicago, Ill.	Z Φ
Karl Hoffman Helfrich	Passaic, N. J.	29 M. H.
Richard Heywood	Worcester	Z Ψ
John Barnard Hitz	Milwaukee, Wis.	B Θ Π
Eugene Augustus Hoffman	Morristown, N. J.	St. Anthony Hall
Charles Amory Hull	Poughkeepsie, N. Y.	5 C. H.
James Gilbraith Hunter	New York, N. Y.	Φ Δ Θ
Floyd Egbert Jayne	North Adams	Δ T
Robert Kilbourne Jeffrey	Bexley, O.	X Ψ
Lester Erwin Johnson	Wolcott, N. Y.	Δ T
Joseph Augustus Kellogg, Jr.	Glens Falls, N. Y.	Δ T
Rodney Alan Kimball	Summit, N. J.	B Θ Π
Joseph Henry Kincaid	White Plains, N. Y.	4 F. H.
John Madison Klapproth	Chicago, Ill.	X Ψ
Richard Lum	Chatham, N. J.	B Θ Π
Henry Arthur MacDonald	Erie, Pa.	Z Ψ
Robert Hargitt McGrath	Cleveland, O.	B Θ Π
John Erastus McKelvy	Pittsburgh, Pa.	7 M. H.
Edward Cochrane McLean	Hoosick Falls, N. Y.	1 C. H.
Malcolm Campbell McMaster	Williamstown	208 Main St.
Norman Stuart MacMillan	Pittston, Pa.	K A
Horace Taft Mallon	Cincinnati, O.	A Δ Φ
George Allen Mason, Jr.	Highland Park, Ill.	Δ K E
Ernest Merrill	New York, N. Y.	Θ Δ X
John Merryweather	Highland Park, Ill.	Θ Δ X
Creighton Sibley Miller	Marshall, Mich.	8 W. C.
Walter Perry Moak	Brooklyn, N. Y.	Φ Σ K
Ernest Addison Moody	New York, N. Y.	Δ T
Alfred Clarke Mosher	Binghamton, N. Y.	Θ Δ X
Theodore Adelbert Davis Niver	Beacon-on-Hudson, N. Y.	26 B. H.
Donal Clare O'Brien	Huntington, L. I.	A Δ Φ
Douglas Worth Olcott	Albany, N. Y.	Z Φ

Milo Hoyt Olin	<i>Perry, N. Y.</i>	✱ T
George Olmsted, Jr.	<i>Evanston, Ill.</i>	Δ K E
Horace Shepard Parker	<i>Fair Haven, Vt.</i>	8 E. C.
William Moore Partington	<i>Fall River,</i>	X ✱
Walter Franklin Pease	<i>Chester</i>	Θ Δ X
James Monroe Perkins	<i>Woodcliff Lake, N. J.</i>	A F. H.
Harold Eugene Poel	<i>New York, N. Y.</i>	K A
Robert Walrath Powell	<i>Springfield</i>	✱ T
Reginald William Pressprich, Jr.	<i>Rye, N. Y.</i>	A Δ Φ
Hosmer Parmelee Redfield, Jr.	<i>Hartford, Conn.</i>	Φ Σ K
Robert Myers Repp, Jr.	<i>Pittsburgh, Pa.</i>	B Θ Π
James Buckalew Robinson	<i>Wilkes-Barre, Pa.</i>	K A
Milton Davis Sanford	<i>Fall River</i>	Φ Γ Δ
David Leslie Saunders	<i>Yonkers, N. Y.</i>	1 M. H.
Josiah Lombard Sayre	<i>Chicago, Ill.</i>	Θ Δ X
James Bradley Scott, Jr.	<i>Newburgh, N. Y.</i>	K A
Edward Perkins Selden, Jr.	<i>Erie, Pa.</i>	Φ Γ Δ
Edwin Murray Senter	<i>Brunswick, Me.</i>	12 E. C.
Paul Demond Shores	<i>Northampton</i>	B Θ Π
Calvin Horner Short	<i>Chicago, Ill.</i>	10 F. H.
Merrill Rutherford Smeeth	<i>Oak Park, Ill.</i>	B Θ Π
Wilson Woodbury Smith	<i>Chardon, O.</i>	Z ✱
Henry Donald Spence	<i>Jersey City, N. J.</i>	✱ T
Theodore Donald Starr	<i>New York, N. Y.</i>	St. Anthony Hall
John Alexander Stephenson, Jr.	<i>Duluth, Minn.</i>	5 M. H.
Eugene Morgan Stevens, Jr.	<i>Evanston, Ill.</i>	A F. H.
Duncan Cady Taylor	<i>Plainfield, N. J.</i>	A Δ Φ
Hayward Stone Thompson	<i>Farmington, Conn.</i>	K A
John Jacob Trounstone	<i>New York, N. Y.</i>	11 F. H.
Vincent Villard	<i>New York, N. Y.</i>	B Θ Π
Hermann Vorys	<i>Columbus, O.</i>	X ✱
Rodman Ward	<i>Wilmington, Del.</i>	Δ K E
Rodney Washburn	<i>Worcester</i>	Z ✱
Robert Niles Washburne	<i>Williamstown</i>	163 Main St.
Willard Isaac Webb, Jr.	<i>Toledo, O.</i>	9 W. C.
Ferdinand Justin Weber	<i>Brooklyn, N. Y.</i>	✱ T
Silas Elisha Wentworth	<i>Springfield</i>	8 F. H.
William Walter Wilcox, Jr.	<i>Middletown, Conn.</i>	X ✱
Andrew Hickenlooper Withrow	<i>Cincinnati, O.</i>	Θ Δ X
Total		122

SOPHOMORES—CLASS OF 1925

Francis William Adams	<i>Ho-Ho-Kus, N. J.</i>	46 W. H.
Bryan Tillinghast Adriance	<i>Williamstown</i>	3 W. C.
Francis Van Vranken Adriance	<i>Englewood, N. J.</i>	9 W. H.
Allan Hamilton Bach	<i>Mt. Vernon, N. Y.</i>	18 E. C.
Alfred Graham Baldwin	<i>Amityville, L. I.</i>	31 W. H.
John Thomas Baxter, Jr.	<i>Minneapolis, Minn.</i>	5 M. H.
Charles Lake Beckwith, Jr.	<i>East Orange, N. J.</i>	29 W. H.
Wilmot Kennedy Bell	<i>Pleasantville, N. Y.</i>	42 W. H.
Robert Ludlum Bergen	<i>Queens, N. Y.</i>	22 W. H.
Arnold Bernhard	<i>Rutherford, N. J.</i>	6 E. C.
Warren Bicknell, Jr.	<i>Cleveland, O.</i>	19 W. H.
John Hall Blackburn	<i>Albany, N. Y.</i>	22 F. H.
Richard Williams Bourne	<i>New Bedford</i>	26 M. H.
Charles Bedros Bozoian	<i>Whitinsville</i>	6 E. C.
Martin William Brewster, Jr.	<i>Lake Placid, N. Y.</i>	19 Water St.
Alexander Leisenring Brodhead, Jr.	<i>Catasauqua, Pa.</i>	10 E. C.
Arthur Voorhees Brown, Jr.	<i>Indianapolis, Ind.</i>	30 W. H.
David Brown	<i>North Chelmsford</i>	7 E. C.
Gordon Brown	<i>Berlin, N. H.</i>	35 M. H.
Hubert Cunningham Brown	<i>Glens Falls, N. Y.</i>	17 W. H.
John Edwin Brown, Jr.	<i>Columbus, O.</i>	Φ Δ Θ
Franklin Snow Browning	<i>Greenfield</i>	15 W. H.
Freeland Ray Cameron	<i>Williamstown</i>	7 W. H.
George Kendall Campbell	<i>Utica, N. Y.</i>	3 M. H.
Harold Whiting Cary	<i>Lyonsville</i>	5 E. C.
Clarence Stedman Chandler	<i>Keene, N. H.</i>	25 W. H.
Hovey Charles Clark, II	<i>Evanston, Ill.</i>	18 M. H.
Walter Houston Clark	<i>Westfield, N. J.</i>	47 W. H.
Arthur Alexander Clarkson	<i>Bay Shore, N. Y.</i>	13 F. H.
Richard Clason	<i>Stapleton, L. I.</i>	Φ Σ K
De Witt Clinton	<i>Buffalo, N. Y.</i>	24 M. H.
Howard Emerson Coe	<i>Waterbury, Conn.</i>	Φ Σ K
Townsend Putnam Coleman	<i>New York, N. Y.</i>	26 M. H.
William Walter Commons	<i>Whitinsville</i>	26 M. H.
Henry Walker Comstock	<i>Buffalo, N. Y.</i>	6 M. H.
William Eaton Conklin	<i>New Rochelle, N. Y.</i>	44 W. H.
Harold Hunting Cook	<i>New York, N. Y.</i>	11 M. H.
Duncan Cranford	<i>Brooklyn, N. Y.</i>	13 W. H.
Lewis Henry Davis	<i>Amityville, L. I.</i>	31 W. H.
Richard Heaston Davis	<i>Schenectady, N. Y.</i>	26 W. H.

Harrison Gaslin Dickey, Jr.	<i>Minneapolis, Minn.</i>	25 W. H.
John Augustus Dow	<i>Brooklyn, N. Y.</i>	14 W. H.
John Edwin Dowling	<i>Cleveland, O.</i>	41 W. H.
Alfred Eastlack Driscoll	<i>Haddonfield, N. J.</i>	6 F. H.
Kenneth James Dugan	<i>Albany, N. Y.</i>	42 W. H.
James Harris Dunham, Jr.	<i>Scranton, Pa.</i>	8 M. H.
Henry Ehlers, Jr.	<i>Brooklyn, N. Y.</i>	5 W. C.
Laurence Washington Fairfax	<i>Pelham Manor, N. Y.</i>	6 W. C.
Griffin Sylvester Fallon	<i>Boston</i>	7 Southworth St.
Robert Pratt Farnsworth	<i>Plattsburg, N. Y.</i>	6 M. H.
Russell Link Fay	<i>New York, N. Y.</i>	10 W. C.
Coverly Fischer	<i>Brooklyn, N. Y.</i>	5 W. C.
John Francis Fiske	<i>Utica, N. Y.</i>	21 B. H.
Francis Joseph Fitzpatrick	<i>Plattsburg, N. Y.</i>	9 M. H.
Leroy Percy Fletcher, Jr.	<i>Springfield</i>	15 W. H.
Lewis Witherbee Francis, Jr.	<i>Brooklyn, N. Y.</i>	18 W. H.
Chester Burrows Freeman	<i>Cincinnati, O.</i>	34 M. H.
Frederick Albert Frost	<i>Newark, N. J.</i>	18 E. C.
Walter Marenus Gladding, Jr.	<i>Brooklyn, N. Y.</i>	13 W. H.
Charles Paget Golding	<i>Mount Airy, Pa.</i>	28 M. H.
James Benedict Gulick	<i>Maplewood, N. J.</i>	6 F. H.
Frank Bird Gummey, 2nd	<i>Bay Head, N. J.</i>	19 E. C.
Nichols Hall	<i>Springfield</i>	2 M. H.
Henry Haman Hamilton	<i>Cedar Rapids, Ia.</i>	4 W. H.
Clark Bassett Harding	<i>Pittsfield</i>	15 F. H.
Warren Elton Harrigan	<i>Tortola, Virgin Islands</i>	19 B. H.
Roger Brush Haviland	<i>Gloversville, N. Y.</i>	49 W. H.
Laurence Kellogg Hawkins	<i>Schenectady, N. Y.</i>	26 W. H.
Robert Bole Heppenstall	<i>Pittsburgh, Pa.</i>	21 W. H.
James Harold Herbert	<i>Cleveland, O.</i>	28 W. H.
Charles West Hinton	<i>Locust Valley, L. I.</i>	10 E. C.
Daniel Holmes Hodgman	<i>St. Louis, Mo.</i>	13 W. C.
Donald Rumsey Holt	<i>Oconto, Wis.</i>	17 W. H.
James Scribner Hopkins	<i>Northampton</i>	24 M. H.
William Edgar Horwill	<i>Brooklyn, N. Y.</i>	18 W. H.
Edgerton McClellan Howard	<i>Williamstown</i>	1 W. H.
Herbert Savage Ide, Jr.	<i>Troy, N. Y.</i>	34 M. H.
John Alexander Jameson, Jr.	<i>Santa Barbara, Calif.</i>	23 W. H.
Harold Stowell Johnson	<i>Lynn</i>	18 E. C.
Alexander Henry Johnston	<i>Glen Cove, N. Y.</i>	32 W. H.
Richard Hoster Jones	<i>Columbus, O.</i>	X ♀
Charles Archag Karagheusian	<i>New York, N. Y.</i>	22 F. H.
Andrew Saeger Keck	<i>Allentown, Pa.</i>	X ♀

WILLIAMS COLLEGE

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Oliver Davis Keep	New York, N. Y.	3 W. H.
Lewis Sayre Kerr, Jr.	New York, N. Y.	A Δ Φ
Charles Gregory King, III	Cleveland, O.	21 F. H.
John Peak Kniffin	Kansas City, Mo.	49 W. H.
Finley Bailey Krause	Brooklyn, N. Y.	Φ Γ Δ
Philip Eckel Krichbaum, Jr.	Montclair, N. J.	25 B. H.
John Lyman Lacey	Havana, Ill.	4 W. H.
Beverley Hastings Lapham	Syracuse, N. Y.	33 W. H.
Jack Arlon Larsh	Rensselaer, Ind.	176 Main St.
Alexander Payne Leete	Pittsburgh, Pa.	21 W. H.
Edwin Lefevre, Jr.	Dorset, Vt.	24 W. H.
Eric Guy Liliencrantz	Berkeley, Calif.	18 M. H.
Charles Rogers Lindsay, III	Bethesda, Md.	23 M. H.
John Holyoke Livingston	Brooklyn, N. Y.	13 F. H.
C. Emory Lochner	Albany, N. Y.	9 M. H.
John Edwards Lockwood	New York, N. Y.	K A
Gilbert Wendell Longstreet	Chicago, Ill.	Stetson Court
Marvin McCord Lowes	Flushing, L. I.	24 W. H.
Charles Lukens	Philadelphia, Pa.	19 E. C.
Philip Swain McConnell	La Crosse, Wis.	K A
Jack Becker McKean	New Rochelle, N. Y.	X Ψ
Daniel Herbert McLaury, Jr.	Mt. Vernon, N. Y.	17 W. H.
John Thomas Mains	Greenfield, O.	13 W. C.
Russell Makepeace	New York, N. Y.	12 C. H.
Charles Lucas March	Ashfield	5 E. C.
Harry Boyd Marshall	North Adams	7 W. C.
Robert Baird Mitchell	Montclair, N. J.	2 W. C.
Lewis Whitaker Morgan	Wilmerding, Pa.	31 M. H.
Charles Schroyer Motter	Oak Park, Ill.	27 W. H.
Burton Stevenson Munro	Woodburne, Nova Scotia	36 M. H.
Henry Webster Newbegin	Cambridge	20 W. H.
Grove Frederic Newhard, Jr.	St. Louis, Mo.	7 M. H.
Edgar Burton Newton	New York, N. Y.	44 W. H.
Herbert Conant Nicholls	Winnetka, Ill.	28 W. H.
John Russell Norton	Newton	36 M. H.
Pierce Onthank	Fitchburg	49 W. H.
John Stuart Osborne	Stockbridge	K A
Kenneth Angle Owen	Schenectady, N. Y.	10A W. H.
Edward Carroll Parker	Detroit, Mich.	2 M. H.
Wilson Parkhill	Brooklyn, N. Y.	A Δ Φ
Kenneth Bushnell Pattison	New York, N. Y.	B Θ Π
George Fitch Perkins, Jr.	Lee	8 M. H.
Francis William Phillips	Albany, N. Y.	48 W. H.

Henry Austin Pickard	<i>Evanston, Ill.</i>	Σ Φ
James Piper, Jr.	<i>Eccleston, Md.</i>	24 W. H.
Sherwood Kellogg Platt	<i>Evanston, Ill.</i>	Φ Δ Θ
Harold Ladd Plumley	<i>Meriden, Conn.</i>	Φ Δ Θ
Robert Whinyates Post	<i>Jersey City, N. J.</i>	33 M. H.
Edward Purcell Prescott	<i>Cleveland, O.</i>	11 M. H.
John Sherwin Prescott	<i>Cleveland, O.</i>	Ψ T
William Creighton Reed	<i>New York, N. Y.</i>	4 M. H.
Edgar Preston Richardson	<i>Burlington, Vt.</i>	Φ Δ Θ
Franklin Dohn Rudolph	<i>Winnetka, Ill.</i>	18 M. H.
Thomas Macdonough Russell, Jr.	<i>Middletown, Conn.</i>	Θ Δ X
Monteath Ruston	<i>Bronxville, N. Y.</i>	19 W. H.
Charles Hamilton Sabin, Jr.	<i>New York, N. Y.</i>	35 M. H.
John Grimes Schmidt	<i>Jersey City, N. J.</i>	33 M. H.
Walter Friedrich Schmidt	<i>New York, N. Y.</i>	10 W. C.
John Pratt Schoentgen	<i>Council Bluffs, Ia.</i>	31 M. H.
Charles Alexander Seibert	<i>Troy, N. Y.</i>	8 E. C.
Edward Simeon Skillin, Jr.	<i>Glen Ridge, N. J.</i>	14 W. H.
Denys Russell Slater	<i>Dallas, Tex.</i>	7 W. C.
Judson Penfield Smith	<i>Williamstown</i>	31 Hoxsey St.
Raymond Warden Smith	<i>Hempstead, N. Y.</i>	22 W. H.
René Moën Smith	<i>Chestnut Hill, Pa.</i>	47 W. H.
Abbott Kittredge Spencer	<i>West Orange, N. J.</i>	14 M. H.
Graham Lee Sterling, Jr.	<i>Poughkeepsie, N. Y.</i>	4 M. H.
Gordon Vail Stoddard	<i>Madison, N. J.</i>	22 B. H.
Frederick Jaques Swan	<i>Dorchester</i>	Φ Σ K
William Richard Teller, Jr.	<i>Bayside, L. I.</i>	X Ψ
Robert Phillip Touton	<i>Janesville, Wis.</i>	48 W. H.
Baltus Barentszen Van Kleeck	<i>Poughkeepsie, N. Y.</i>	Δ K E
Mortimer Grover Weaver, II	<i>Washington, D. C.</i>	23 B. H.
Parker Crosby Webb	<i>Brooklyn, N. Y.</i>	24 E. C.
Lyles Zabriskie Wells	<i>Brooklyn, N. Y.</i>	2 W. C.
Charles Scoville Wishard	<i>Indianapolis, Ind.</i>	Δ T
Julian Augustus Woodcock, Jr.	<i>Asheville, N. C.</i>	27 W. H.
Wyllis Eaton Wright	<i>Lowell</i>	7 E. C.
Ferdinand Lott Wyckoff	<i>Brooklyn, N. Y.</i>	20 W. H.
Total		162

FRESHMEN—CLASS OF 1926

Marcus Wilson Acheson, III	<i>Pittsburgh, Pa.</i>	38 W. H.
William Manwaring Allison, Jr.	<i>Brooklyn, N. Y.</i>	15 B. H.
Dan Curtis Anderson	<i>Upper Montclair, N. J.</i>	7 C. H.
Frederick Kingston Ashbaugh	<i>Windsor, Ontario</i>	9 W. H. A.
Howard Carter Babbitt	<i>Honolulu, H. T.</i>	40 W. H.
Franklin Lawrence Babcock, Jr.	<i>Englewood, N. J.</i>	3 C. H.
Allen Harlow Bacon, Jr.	<i>Albany, N. Y.</i>	35 W. H.
Cameron Baird	<i>Buffalo, N. Y.</i>	4 W. C.
Mills Phillips Baker	<i>Great Neck, L. I.</i>	35 W. H.
Bailey Balken	<i>Pittsburgh, Pa.</i>	1 W. H.
John Hope Sloan Barr	<i>Wayne, Pa.</i>	7 Southworth St.
Frederick Hoyt Bassette	<i>Springfield</i>	16 C. H.
William Nevison Becker	<i>Lakewood, O.</i>	2 C. H.
Robert Jenks Beede	<i>Pawtucket, R. I.</i>	1 W. C.
Alfred Pinckney Bell	<i>New York, N. Y.</i>	38 M. H.
Donald Cadmus Berry	<i>Brooklyn, N. Y.</i>	45 W. H.
Clarence Stephen Best	<i>Allentown, Pa.</i>	16 E. C.
Richard Orton Billings	<i>Utica, N. Y.</i>	1 B. H.
Harry Lorin Binasse	<i>Short Hills, N. J.</i>	16 B. H.
Harry Prime Bissell	<i>Yonkers, N. Y.</i>	8 W. H.
Edward Slade Bliss	<i>Fall River</i>	12 F. H.
Emanuel Boasberg, Jr.	<i>Buffalo, N. Y.</i>	30 B. H.
George Bell Bogart	<i>New York, N. Y.</i>	16 M. H.
Cary William Bok	<i>Merion Station, Pa.</i>	20 F. H.
Burton Francis Bossi	<i>Media, Pa.</i>	25 M. H.
Roger Wing Brace	<i>West Newton</i>	19 C. H.
Charles Goodwin Brazier, Jr.	<i>Amesbury</i>	Grace Court
Richard Marion Brett	<i>New York, N. Y.</i>	2 B. H.
John Earle Brewer	<i>Newton Center</i>	10 W. H. A.
Harold Suydam Brewster	<i>Elizabeth, N. J.</i>	12 M. H.
Alfred Dudley Britton, Jr.	<i>Bronxville, N. Y.</i>	6 W. H.
George Winthrop Brown, Jr.	<i>Chestnut Hill</i>	15 M. H.
Robert Perkins Brown, Jr.	<i>Providence, R. I.</i>	176 Main St.
John Louis Burgess	<i>Waco, Tex.</i>	188 Main St.
Robert Murray Busselle	<i>Chappaqua, N. Y.</i>	16 E. C.
Clinton Grady Butler	<i>West Orange, N. J.</i>	9 E. C.
Richard Folsom Buttolph	<i>Indianapolis, Ind.</i>	5 W. H. A.
John Ray Camp	<i>Middletown, Conn.</i>	9 C. H.
John Joseph Caren	<i>Columbus, O.</i>	21 Southworth St.
Donald Wells Catlin	<i>Tuskaheo, N. Y.</i>	29 B. H.

Robert Haselden Chamberlin	<i>Hartford, Conn.</i>	16 W. C.
Alger Baldwin Chapman	<i>Glen Cove, N. Y.</i>	188 Main St.
Daniel Knowlton Chapman	<i>Adams</i>	13 B. H.
Thayer Salisbury Chapman	<i>Brooklyn, N. Y.</i>	2 W. H. A.
Joseph Lyman Child	<i>Springfield, Ill.</i>	17 M. H.
Benjamin Willis Childs	<i>Holyoke</i>	23 F. H.
Sanford Beach Church	<i>Albion, N. Y.</i>	1 B. H.
Alexander Mitchell Clement	<i>Willimansett</i>	2 E. C.
Frederick George Cleveland	<i>Portland, Me.</i>	7 W. H. A.
George Alfred Cluett, Jr.	<i>Troy, N. Y.</i>	23 F. H.
Robert Schuyler Coe	<i>Brooklyn, N. Y.</i>	45 W. H.
Dwight Colburn	<i>Newton</i>	10 W. H. A.
John Washburn Coolidge	<i>Milton</i>	3 C. H.
Ira Laing Couch	<i>Golf, Ill.</i>	14 C. H.
Rufus Billings Cowing, III	<i>Glen Ridge, N. J.</i>	23 M. H.
Stewart Lambert Crofts	<i>Mount Vernon, N. Y.</i>	20 E. C.
Norman Lewis Crowley	<i>Mount Vernon, N. Y.</i>	28 Hoxsey St.
Herbert Addison Dalmas	<i>W. Philadelphia, Pa.</i>	25 M. H.
Robert Borodel Denison	<i>Cleveland, O.</i>	43 W. H.
Charles Nichols Dewey	<i>Worcester</i>	18 F. H.
Elliot Van Nostrand Diller	<i>Brooklyn, N. Y.</i>	15 W. C.
Harold Henning Dodds	<i>Troy, N. Y.</i>	41 W. H.
Douglas Doherty	<i>Clifton, N. J.</i>	9 C. H.
Robert Golden Donaldson, Jr.	<i>Washington, D. C.</i>	176 Main St.
Jean Jacques Du Mortier	<i>Norwalk, Conn.</i>	21 Southworth St.
James North Dunham	<i>Baltimore, Md.</i>	2 W. H.
John McAnall Eaton	<i>East Orange, N. J.</i>	5 B. H.
Robert Cooley Elderfield	<i>Niagara Falls, N. Y.</i>	1 W. H. A.
Frederick Sumner Ely	<i>Pittsburgh, Pa.</i>	34 W. H.
Henry Bidwell Ely	<i>New York, N. Y.</i>	16 M. H.
Verling Clair Enteman	<i>Jersey City, N. J.</i>	23 E. C.
Eugene Charles Eppinger	<i>Walla Walla, Wash.</i>	2 W. H.
John Wesley Estabrooks, Jr.	<i>Allston</i>	23 E. C.
Robert Trogway Evans	<i>New York, N. Y.</i>	29 W. H.
Samuel Hoe Evans	<i>New York, N. Y.</i>	2 W. H. A.
Walker Evans, III	<i>New York, N. Y.</i>	188 Main St.
William Albert Evans, Jr.	<i>Detroit, Mich.</i>	10 C. H.
Thomas Ewing, Jr.	<i>Pittsburgh, Pa.</i>	34 W. H.
Harris Baldwin Fisher, Jr.	<i>New Rochelle, N. Y.</i>	30 W. H.
Edward Warren Fletcher	<i>Jamestown, N. Y.</i>	1 F. H.
William Howard Fletcher, Jr.	<i>Jamestown, N. Y.</i>	1 F. H.
Lloyd Gallagher	<i>Westfield, N. J.</i>	4 E. C.
Maurice Lewis Goodkind, Jr.	<i>Chicago, Ill.</i>	8 W. H. A.

Douglas Attwood Gould	<i>New Rochelle, N. Y.</i>	176 Main St.
George Millard Graves	<i>Bennington, Vt.</i>	3 M. H.
Arthur Warren Greene	<i>New York, N. Y.</i>	13 M. H.
Robert Fargo Greenlee	<i>Chicago, Ill.</i>	1 W. H. A.
Samuel Walker Greer	<i>Butler, Pa.</i>	14 C. H.
Frank Gilbert Gregory, Jr.	<i>Newark, N. J.</i>	Φ Γ Δ
Lawrence Chamberlain Grosh, Jr.	<i>Toledo, O.</i>	9 E. C.
Leonard Baker Grouard	<i>Nantucket</i>	14 F. H.
Harold McIntyre Grout, Jr.	<i>Troy, N. Y.</i>	6 W. H.
Richard Allen Hackett	<i>Riverdale, N. Y.</i>	21 Southworth St.
Edwin Wayne Haley	<i>Brooklyn, N. Y.</i>	260 Main St.
William Curtis Hall, Jr.	<i>Akron, O.</i>	16 W. C.
Simon Edwin Hallagan, Jr.	<i>Newark, N. Y.</i>	7 Southworth St.
Bruce Stephens Hamilton	<i>Evanston, Ill.</i>	5 W. H.
Edward Dewey Harbert	<i>Bellefontaine, O.</i>	14 F. H.
George Le Roy Hargrave	<i>New York, N. Y.</i>	28 Hoxsey St.
Robert Delesdermiers Harper	<i>Brooklyn, N. Y.</i>	28 B. H.
William Henry Hastings, Jr.	<i>Albany, N. Y.</i>	8 B. H.
Harrison William Hatch	<i>Bronxville, N. Y.</i>	25 Hoxsey St.
Minot Coe Hayden	<i>Medford</i>	21 M. H.
Theodore Harry Hendrickson	<i>Brooklyn, N. Y.</i>	38 M. H.
Charles Lovejoy Hibbard, Jr.	<i>Pittsfield</i>	K A
James Eugene Hildreth	<i>Oak Park, Ill.</i>	12 W. H.
Harold Bradford Hitchcock	<i>Hartford, Conn.</i>	30 M. H.
Stephen William Hofman	<i>Far Rockaway, N. Y.</i>	4 W. H. A.
Harold Ahrens Holbrook	<i>Newton Center</i>	19 C. H.
Irvin Hood	<i>South Orange, N. J.</i>	176 Main St.
Paul Malleville Howard	<i>Williamstown</i>	22 M. H.
Frederic William Howe, Jr.	<i>Providence, R. I.</i>	1 W. C.
Walter Prescott Hubbard	<i>New York, N. Y.</i>	28 Hoxsey St.
Oliver Wentworth Huckel	<i>Greenwich, Conn.</i>	12 C. H.
Raleigh Russell Huggins, Jr.	<i>Pittsburgh, Pa.</i>	27 Hoxsey St.
Henry Horton Humphrey	<i>Saratoga Springs, N. Y.</i>	22 M. H.
John Harvey Humpstone	<i>Brooklyn, N. Y.</i>	13 B. H.
John Parker Ilsley, Jr.	<i>Milton</i>	15 M. H.
Edward Dupuy Johnson	<i>Rahway, N. J.</i>	5 F. H.
Lee Williams Johnson	<i>Washington, D. C.</i>	80 North St.
Thomas Herbert Johnson	<i>Montpelier, Vt.</i>	21 M. H.
Henry Stokes Kamberly	<i>Germantown, Pa.</i>	19 F. H.
George Holland Keating	<i>Buffalo, N. Y.</i>	20 M. H.
Preston Paris Kellogg	<i>Glens Falls, N. Y.</i>	40 W. H.
Sanford Heath Keyes	<i>Mount Vernon, N. Y.</i>	28 Hoxsey St.
Leonard Dodd Kniffin, Jr.	<i>Kansas City, Mo.</i>	37 M. H.

John Holdridge Leech	Jamaica, N. Y.	4 B. H.
Reid Lefevre	Dorset, Vt.	37 M. H.
Ranstead Siebert Lehmann	Elgin, Ill.	28 Hoxsey St.
James Whiting Liddle	Lockport, N. Y.	30 M. H.
Henry Lindenmeyr	New York, N. Y.	8 C. H.
Joseph Simpson Little	Nulley, N. J.	4 W. C.
Warren Putnam Livingston	Thompson, Conn.	8 B. H.
Richard Parker Lott	Warren, Pa.	188 Main St.
John Moore Loucks	Potsdam, N. Y.	15 E. C.
Edwin Ripley Loughrey	Newton Highlands	10 W. H. A.
Richard Houston Ludeman	Sayville, N. Y.	31 W. H.
Arnold Jacobi McAneny	New York, N. Y.	6 W. H. A.
Wilbour Kyle McAneny	Fanwood, N. J.	21 Southworth St.
Frank Waugh McCulloch	Evanston, Ill.	16 C. H.
Ralph Fairchild McKelvey	Suffern, N. Y.	260 Main St.
David Ives Mackie, Jr.	New York, N. Y.	37 W. H.
Robert Ellsworth McLane	Paterson, N. J.	46 W. H.
John Ellis McLaury	Pelham Manor, N. Y.	8 C. H.
Donald Stewart MacMaster	Rochester, N. Y.	Φ Δ Θ
John MacMurtrie	Freehold, N. J.	10 C. H.
Grant Carpenter Manson	Detroit, Mich.	3 B. H.
Ernest Mantius	Englewood, N. J.	7 Southworth St.
Kellogg Marvin	New York, N. Y.	6 W. H. A.
David Bernard Mathias	Buffalo, N. Y.	27 Hoxsey St.
Frederico Franco Mauck	Conshohocken, Pa.	K A
Everett Brooks Merriam	Waterbury, Conn.	260 Main St.
Winthrop Merriam	Tarrytown, N. Y.	32 M. H.
Charles Mather Merrill	Hubbard Woods, Ill.	37 W. H.
Harold Emerson Miller	Brooklyn, N. Y.	4 W. H. A.
Howard Kenneth Moore	Fair Haven, Vt.	24 B. H.
Robert Leslie Moore	Holliston	7 F. H.
William Irving Morey	Buffalo, N. Y.	27 Hoxsey St.
Stephen John Munson, Jr.	Bridgeport, Conn.	4 E. C.
Cornelius Ferris Murphy	Los Angeles, Calif.	260 Main St.
Bronson Murray	Yonkers, N. Y.	17 M. H.
Robert Lerch Nash	Minneapolis, Minn.	11 W. C.
Francis Tilden Nichols	New York, N. Y.	2 B. H.
William Arthur Noller	Troy, N. Y.	22 E. C.
John Nicholas O'Gorman	New York, N. Y.	7 F. H.
Leroy Albert Page, III	Minneapolis, Minn.	32 W. H.
Albrecht Pagenstecher, III	New York, N. Y.	4 B. H.
Robert Prescott Parker	Pittsfield	3 F. H.
Whitmore Parker	Pittsfield	14 M. H.

WILLIAMS COLLEGE

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Robert Arthur Parks	Brooklyn, N. Y.	38 M. H.
Preston Clement Patch	Chicago, Ill.	38 W. H.
Charles Taft Peters	Columbus, O.	3 F. H.
William Anthony Poissant	Chazy, N. Y.	7 Southworth St.
Robert Morris Popham	New York, N. Y.	16 M. H.
Kenneth Andrews Porter	West Haven, Conn.	176 Main St.
Elwyn Greeley Preston, Jr.	Lexington	18 F. H.
Frederick Rauh	Cincinnati, O.	6 C. H.
Robert Latimer Redfield, Jr.	New York, N. Y.	2 C. H.
Richard Reed	Pittsburgh, Pa.	17 C. H.
Paul Revere Reynolds, Jr.	Scarsdale, N. Y.	19 F. H.
Stewart Watson Richards	Brooklyn, N. Y.	7 C. H.
William Dunn Richmond	Staten Island, N. Y.	188 Main St.
Harry Norris Rickey, Jr.	Cleveland, O.	13 B. H.
Raymond Budd Ridabock	Stamford, Conn.	28 Hoxsey St.
John Aaron Riegel	Bethlehem, Pa.	6 B. H.
James Lawrence Riley	Plattsburg, N. Y.	27 Hoxsey St.
John Rockwood	Riverdale, N. Y.	7 Southworth St.
Walter Sabin Root, Jr.	Cleveland, O.	12 W. H.
Harold Clement Rose	Great Kills, N. Y.	2 E. C.
Donald Fassett Ross	Minneapolis, Minn.	11 W. C.
Arthur Truman Safford, Jr.	Lowell	7 W. H. A.
John Hamilton Savage, Jr.	San Antonio, Tex.	9 F. H.
Richard Wenham Sawtelle	Binghamton, N. Y.	13 C. H.
Richard Robert Edward Schumacher	New York, N. Y.	260 Main St.
Joseph Jeffrey Shedd	Columbus, O.	3 W. C.
George Sherrill, Jr.	Stamford, Conn.	32 M. H.
Arthur William Siegrist	Brooklyn, N. Y.	15 W. C.
George Richard Robert Simon	Brooklyn, N. Y.	15 B. H.
John Miller Slaughter	South Bend, Ind.	6 C. H.
Ebenezer Smith	New York, N. Y.	11 E. C.
Edward Arnold Smith	Norwich, Conn.	9 W. H. A.
John Henry Smith, Jr.	New York, N. Y.	3 B. H.
Charles Loomis Smythe	Cleveland Heights, O.	13 C. H.
Ralph Hazlewood Soby	Hartford, Conn.	21 F. H.
John Dutton Steele, Jr.	Wayne, Pa.	15 E. C.
Adrian Delano Stevenson, Jr.	Brooklyn, N. Y.	9 W. H. A.
Warren Smith Stoltz	Bronxville, N. Y.	7 Southworth St.
Frederick Marquette Stoney	Lincoln, Nebr.	41 W. H.
Zareh Frank Surabian	Medford	2 E. C.
James Allwood Taylor	Hartford, Conn.	20 E. C.
David Albrow Traynor	Plattsburg, N. Y.	27 Hoxsey St.
Edwin Miles Treat, Jr.	St. Louis, Mo.	21 Southworth St.

Edgar Park Valentine	<i>New York, N. Y.</i>	12 F. H.
Damon Sherburne Valentine	<i>Lexington</i>	176 Main St.
Charles Augustus Van Orden, Jr.	<i>Chatham, N. J.</i>	17 C. H.
Winslow Metcalf Walker	<i>Scarsdale, N. Y.</i>	5 W. H.
Peter Hall Walton	<i>New York, N. Y.</i>	23 W. H.
Frederic Augustus Ward	<i>Brooklyn, N. Y.</i>	21 Southworth St.
Harry Ashton Watkins	<i>South Orange, N. J.</i>	12 M. H.
Horace Fremont Webb, Jr.	<i>Portland, Me.</i>	28 M. H.
William Temple Webber	<i>Texarkana, Tex.</i>	20 F. H.
Edward Stevens Whitney	<i>Medford</i>	20 M. H.
Kenneth Lawson Whitney	<i>North Adams</i>	13 M. H.
Andrew Foust Wiley	<i>Cincinnati, O.</i>	27 Hoxsey St.
Theodore Morgan Wille	<i>Lakewood, O.</i>	260 Main St.
Byard Williams	<i>Riverdale, N. Y.</i>	188 Main St.
Ralph Clark Williams, Jr.	<i>Brooklyn, N. Y.</i>	11 C. H.
Rhys Bernard Williams	<i>Brooklyn, N. Y.</i>	11 C. H.
Joseph Thomas Wilson	<i>Nahant</i>	3 W. H.
Charles Cole Wing	<i>Albany, N. Y.</i>	8 B. H.
Clifford Jerome Wood	<i>Fair Haven, Vt.</i>	1 E. C.
Milton Joseph Wood	<i>Fair Haven, Vt.</i>	1 E. C.
Roy Mortimer Wood	<i>Tiweron, R. I.</i>	11 E. C.
Maurice Barnes Woodhall	<i>Jersey City, N. J.</i>	22 E. C.
John Briston Wornall, Jr.	<i>Kansas City, Mo.</i>	7 Southworth St.
James Marma Worthington	<i>Elyria, O.</i>	6 B. H.
Royal Josiah Wright, Jr.	<i>Springfield</i>	5 B. H.
John Howard Yeomans	<i>Hartford, Conn.</i>	43 W. H.
Evan Leidy Young	<i>Pottstown, Pa.</i>	9 F. H.
Karl Marvin Zander	<i>Chicago, Ill.</i>	3 W. H. A.
Total.....		240

WILLIAMS COLLEGE

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SUMMARY BY CLASSES

GRADUATE STUDENTS.....	2
SENIORS.....	106
JUNIORS.....	122
SOPHOMORES.....	162
FRESHMEN.....	240
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TOTAL.....	632

SUMMARY BY STATES

NEW YORK.....	237
MASSACHUSETTS.....	109
NEW JERSEY.....	60
PENNSYLVANIA.....	40
OHIO.....	38
ILLINOIS.....	32
CONNECTICUT.....	31
MINNESOTA.....	9
VERMONT.....	9
INDIANA.....	7
MISSOURI.....	7
CALIFORNIA.....	5
DISTRICT OF COLUMBIA.....	5
WISCONSIN.....	5
MAINE.....	4
MICHIGAN.....	4
RHODE ISLAND.....	4
TEXAS.....	4
MARYLAND.....	3
IOWA.....	2
NEBRASKA.....	2
NEW HAMPSHIRE.....	2
WASHINGTON.....	2
ALABAMA.....	1
DELAWARE.....	1
FLORIDA.....	1
NORTH CAROLINA.....	1
TERRITORY OF HAWAII.....	1
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JAPAN.....	3
CANADA.....	2
VIRGIN ISLANDS.....	1
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TOTAL.....	632

ALPHABETICAL LIST OF NAMES

- Acheson, Edward Campion, Jr., *Jr.*
 Acheson, Marcus Wilson, III, *Fr.*
 Adams, Francis William, *Soph.*
 Adriance, Bryan Tillinghast, *Soph.*
 Adriance, Francis Van Vranken, *Soph.*
 ADRIANCE, JOHN SABIN, *Lecturer*
 AGAN, LORETTA JULIA, *Stenographer*
 AGARD, HARRY LESLIE,
 Asst. Dean and Asst. Prof.
 Albert, John Nicholas, *Sr.*
 Allen, James Marshall, *Sr.*
 ALLEN, SAMUEL EDWARD, *Asst. Prof.*
 Allison, John Walter, *Sr.*
 Allison, William Manwaring, Jr., *Fr.*
 ALLSOP, MABEL, *Library Asst.*
 Anderson, Dan Curtis, *Fr.*
 Anderson, John Nils, *Sr.*
 Anderson, Reginald Estabrook, *Jr.*
 Anderson, Severn Andrew, Jr., *Sr.*
 ANDREASEN, RIGMOR J.,
 Sec'y to the Pres.
 Angevine, Ernest Groesbeck, *Sr.*
 Anthony, Raymond, *Sr.*
 Ashbaugh, Frederick Kingston, *Fr.*
 Ayer, George Arthur, *Jr.*
- Babbitt, Howard Carter, *Fr.*
 Babcock, Franklin Lawrence, Jr., *Fr.*
 Bach, Allan Hamilton, *Soph.*
 Bacon, Allen Harlow, Jr., *Fr.*
 Baird, Cameron, *Fr.*
 Baker, Mills Phillips, *Fr.*
 Baldwin, Alfred Graham, *Soph.*
 Balke, Frank Troutman, *Jr.*
 Balken, Bailey, *Fr.*
 Bancker, Edward Malcolm, *Sr.*
 Barker, Fahy Merrill, *Jr.*
 Barnes, Charles Montgomery, *Sr.*
 Barnes, Henry Lyman, *Jr.*
 Barnes, John Wilcox, *Jr.*
- Barton, Evan Mansfield, *Jr.*
 Barton, Malcolm Sterling, *Jr.*
 Barr, John Hope Sloan, *Fr.*
 Bassette, Frederick Hoyt, *Fr.*
 Baxter, Harland William, *Sr.*
 Baxter, John Thomas, Jr., *Soph.*
 Becker, William Nevison, *Fr.*
 Beckwith, Charles Lake, Jr., *Soph.*
 Beede, Robert Jenks, *Fr.*
 BELAUNDE, VICTOR ANDRÉS, *Instr.*
 Bell, Alfred Pinckney, *Fr.*
 Bell, Wilmot Kennedy, *Soph.*
 Bennett, Geoffrey Rupert, *Jr.*
 Bennett, John Coleman, *Jr.*
 Bennett, Rulef Cornelius, Jr., *Jr.*
 BENT, QUINCY, *Trustee*
 Bergen, Robert Ludlum, *Soph.*
 Bernhard, Arnold, *Soph.*
 Berry, Donald Cadmus, *Fr.*
 Best, Clarence Stephen, *Fr.*
 Bicknell, Warren, Jr., *Soph.*
 Bigelow, Paul Wheelock, *Jr.*
 Bilicke, Albert Constant, *Jr.*
 Billings, Richard Orton, *Fr.*
 Binse, Harry Lorin, *Fr.*
 Bishop, Alan Francis, *Jr.*
 Bissell, Harry Prime, *Fr.*
 Bixby, Wingate, II, *Sr.*
 Blackburn, John Hall, *Soph.*
 Blackmer, Alan Rogers, *Jr.*
 Bliss, Edward Slade, *Fr.*
 Bloedel, Lawrence Hotchkiss, *Jr.*
 Blomfield, Reginald Nelson, *Jr.*
 Boasberg, Emanuel, Jr., *Fr.*
 Bogart, George Bell, *Fr.*
 Bok, Cary William, *Fr.*
 Boller, Charles, *Sr.*
 Bossi, Burton Francis, *Fr.*
 BOTSFORD, E. HERBERT,
 Alumni Sec'y

Bourne, Richard Williams, *Soph.*
Bowen, Richard Herkimer, *Sr.*
Boynton, Charles Albert, Jr., *Sr.*
Bozoian, Charles Bedros, *Soph.*
Brace, Roger Wing, *Fr.*
Brayton, Anthony, *Jr.*
Brazier, Charles Goodwin, Jr., *Fr.*
Brett, Richard Marion, *Fr.*
Brewer, John Earle, *Fr.*
Brewster, Harold Suydam, *Fr.*
Brewster, Martin William, Jr., *Soph.*
Bridges, Marvin Wilson, *Jr.*
Brigham, Robert Bennett, *Jr.*
BRINSMADE, JAMES BEEBE, *Asst. Prof.*
Britton, Alfred Dudley, Jr., *Fr.*
Britton, Kenneth Phillips, *Sr.*
Brodhead, Alexander Leisenring, Jr.,
Soph.
Brown, Arthur Voorhees, Jr., *Soph.*
Brown, David, *Soph.*
BROWN, EARLE OLMESTEAD,
Accountant
Brown, Gordon, *Soph.*
Brown, George Winthrop, Jr., *Fr.*
BROWN, HERBERT JENKINS, *Trustees*
Brown, Hubert Cunningham, *Soph.*
Brown, John Edwin, Jr., *Soph.*
Brown, Robert Perkins, Jr., *Fr.*
Browning, Franklin Snow, *Soph.*
Buck, Lanphear, *Jr.*
Buck, Robert Treat, *Jr.*
Buckner, John Jay, *Sr.*
BUFFINTON, ARTHUR HOWLAND,
Asst. Prof.
BULLOCK, EDWARD TAYLOR,
Asst. Prof.
Burgess, John Louis, *Fr.*
Burke, Joseph Edwards, *Sr.*
Burnham, Daniel Blodgett, Jr., *Sr.*
Busselle, Robert Murray, *Fr.*
Butler, Clinton Grady, *Fr.*
Buttolph, Richard Folsom, *Fr.*
Byers, John Crawford, *Sr.*

Calvacca, Emil Joseph, *Jr.*
Cameron, Freeland Ray, *Soph.*
Camp, John Ray, *Fr.*
Campbell, Bruce Nelson, *Sr.*
Campbell, George Kendall, *Jr.*
Campbell, Morgan Seaman, *Sr.*
Canby, William Marriott, 3d, *Jr.*
Caren, John Joseph, *Fr.*
CARLTON, WILLIAM NEWNHAM
CHATTIN, *Librarian*
Carleton, Edward Jewett, *Jr.*
Carleton, Horace Milne, *Jr.*
Carr, Frank Benjamin, *Sr.*
Carr, William Dixon, *Jr.*
Carter, Lyndall Frederic, *Jr.*
Cary, Harold Whiting, *Soph.*
Catlin, Donald Wells, *Fr.*
Chamberlin, Robert Haselden, *Fr.*
Chandler, Clarence Stedman, *Soph.*
CHAPIN, ALFRED CLARK, *Trustee*
Chapin, Alfred Hastings, Jr., *Jr.*
Chapman, Alger Baldwin, *Fr.*
Chapman, Daniel Knowlton, *Fr.*
Chapman, Edwin Nesbit, Jr., *Sr.*
Chapman, Thayer Salisbury, *Fr.*
Chase, Cornelius Thurston, Jr., *Jr.*
Chatman, Joseph Titcomb, *Sr.*
Child, Joseph Lyman, *Fr.*
Childs, Benjamin Willis, *Fr.*
Church, Sanford Beach, *Fr.*
CLARK, DAVID TAGGART, *Asst. Prof.*
Clark, Hovey Charles, II, *Soph.*
Clark, Russell Crosby, *Sr.*
Clark, Walter Houston, *Soph.*
CLARKE, SAMUEL FESSENDEN,
Prof. Emer.
Clarkson, Arthur Alexander, *Soph.*
Clason, Richard, *Soph.*
CLELAND, HERDMAN FITZGERALD,
Prof.
Clement, Alexander Mitchell, *Fr.*
Cleveland, Frederick George, *Fr.*
Clinton, De Witt, *Soph.*

Cluett, George Alfred, Jr., *Fr.*
 Coe, Howard Emerson, *Soph.*
 Coe, Robert Schuyler, *Fr.*
 Colburn, Dwight, *Fr.*
 Cole, Henry Schuyler, *Jr.*
 Coleman, Townsend Putnam, *Soph.*
 Collins, Alan Copeland, *Sr.*
 Commons, William Walter, *Soph.*
 Comstock, Henry Walker, *Soph.*
 Conklin, William Eaton, *Soph.*
 Cook, Harold Hunting, *Soph.*
 Cook, William Bolton, *Jr.*
 Coolidge, John Washburn, *Fr.*
 Copeland, Lewis Covell, *Jr.*
 Cornwall, John, *Sr.*
 Corsa, John Thomas, *Jr.*
 Couch, Ira Laing, *Fr.*
 Cowing, Rufus Billings, III, *Fr.*
 Craig, George Roth, *Jr.*
 Cranford, Duncan, *Soph.*
 Crofts, Stewart Lambert, *Fr.*
 Crowley, Norman Lewis, *Fr.*
 CRU, ALBERT LOUIS, *Instr.*
 CRU, JEAN NORTON, *Asst. Prof.*

Dalmas, Herbert Addison, *Fr.*
 Davis, Lewis Henry, *Soph.*
 Davis, Richard Heaston, *Soph.*
 Davis, William Allison, *Jr.*
 DEFERRARI, HARRY AUSTIN, *Instr.*
 Degener, George Ludwig, Jr., *Jr.*
 Denison, Robert Borodel, *Fr.*
 Dewey, Charles Nichols, *Fr.*
 DEWEY, FRANCIS HENSHAW,

Trustees

DEWEY, HARRY PINNEO, *Trustee*
 DICKERMAN, SHERWOOD OWEN, *Prof.*
 Dickey, Harrison Gaslin, Jr., *Soph.*
 Diller, Elliot Van Nostrand, *Fr.*
 DODD, EDWARD LEWIS, *Asst. Prof.*
 Dodds, Harold Henning, *Fr.*
 Dodge, Linsley Villars, *Jr.*
 Doherty, Douglas, *Fr.*

Donaldson, Robert Golden, Jr., *Fr.*
 DOUGHERTY, WILLIAM HOWARD, JR.,
Prof.

Dow, John Augustus, *Soph.*
 Dowling, John Edwin, *Soph.*
 Dribben, Irving Speiser, *Jr.*
 Driscoll, Alfred Eastlack, *Soph.*
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 Dugan, Kenneth James, *Soph.*
 Du Mortier, Jean Jacques, *Fr.*
 Dunham, James Harris, Jr., *Soph.*
 Dunham, James North, *Fr.*
 Dunn, Malcolm, *Sr.*
 Durfee, John Rorbach, *Sr.*
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Eaton, John McAnall, *Fr.*
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 Ely, Henry Bidwell, *Fr.*
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 Eppinger, Eugene Charles, *Fr.*
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 Evans, Robert Trogway, *Fr.*
 Evans, Samuel Hoe, *Fr.*
 Evans, Walker, III, *Fr.*
 Evans, William Albert, Jr., *Fr.*
 Evarts, Daniel Edgar, Jr., *Sr.*
 EVENS, MARGARET, *Library Asst.*
 Ewing, Thomas, Jr., *Fr.*

Fairfax, Laurence Washington,
Soph.
 Fallon, Griffin Sylvester, *Soph.*
 Farnsworth, Robert Pratt, *Soph.*
 Fasce, Egi Victor, *Sr.*
 Fawcett, Benjamin Thompson, *Jr.*
 Fay, Russell Link, *Soph.*
 Fenner, Charles Moon, *Jr.*

Fincke, Allen Whitman, *Jr.*
 Fischer, Coverly, *Soph.*
 Fisher, Harris Baldwin, *Jr., Fr.*
 Fiske, John Francis, *Soph.*
 Fitchen, Paul Russell, *Sr.*
 Fitzpatrick, Francis Joseph, *Soph.*
 Fletcher, Edward Warren, *Fr.*
 Fletcher, Leroy Percy, *Jr., Soph.*
 Fletcher, William Howard, *Jr., Fr.*
 Francis, Lewis Witherbee, *Jr., Soph.*
 Freeman, Chester Burroughs, *Soph.*
 FREY, AUSTIN ROGERS, *Instr.*
 Frost, Frederick Albert, *Soph.*
 Fuller, Samuel Lester, *Jr., Jr.*

GALBRAITH, JOHN SAYWARD,
Asst. Prof.

Gallagher, Lloyd, *Fr.*
 GARFIELD, HARRY AUGUSTUS, *Pres.*
 GAUB, WILLIAM HENRY, *Jr., Asst.*
 Geddes, Lascelles Alexander, *Jr.*
 GEER, DANFORTH, *Trustee*
 Gladding, Walter Marenus, *Soph.*
 Gobeille, Ernest Philip, *Sr.*
 Golding, Charles Paget, *Soph.*
 Goodkind, Maurice Lewis, *Jr., Fr.*
 GOODRICH, FRANK, *Prof.*
 Gould, Douglas Attwood, *Fr.*
 GRAHAM, CHARLES LUTHER, *Instr.*
 Graves, George Millard, *Fr.*
 Graves, Harmon Sheldon, *Jr., Jr.*
 Greeff, Herbert Bernard, *Sr.*
 Greene, Arthur Warren, *Fr.*
 Greene, Lancaster Myron, *Sr.*
 Greene, Norvin Ruliffson, *Jr.*
 Greenlee, Robert Fargo, *Fr.*
 Greer, Bertrand Calvert, *Jr.*
 Greer, Samuel Walker, *Fr.*
 Gregory, Frank Gilbert, *Jr., Fr.*
 GRIFFIN, SOLOMON BULKLEY,
Trustee
 Grosh, Lawrence Chamberlain, *Jr.,*
Fr.

Grouard, Leonard Baker, *Fr.*
 Grout, Harold McIntyre, *Jr., Fr.*
 Gulick, James Benedict, *Soph.*
 Gummey, Frank Bird, 2nd, *Soph.*

Hackett, Richard Allen, *Fr.*
 Haggerty, Cecil Jerome, *Sr.*
 Haley, Edwin Wayne, *Fr.*
 Hall, Nichols, *Soph.*
 Hall, William Curtis, *Jr., Fr.*
 Hallagan, Simon Edwin, *Jr., Fr.*
 Hamilton, Bruce Stephens, *Fr.*
 Hamilton, Henry Haman, *Soph.*
 Harbert, Edward Dewey, *Fr.*
 Harding, Clark Bassett, *Soph.*
 Harding, Russell Parker, *Jr.*
 HARDY, JAMES GRAHAM, *Prof.*
 Hargrave, George Le Roy, *Fr.*
 Harper, Robert Delesdermiers, *Fr.*
 Harrigan, Warren Elton, *Soph.*
 HART, WILLIAM COOK, *Asst. Treas.*
 HARVEY, SHIRLEY WILCOX, *Instr.*
 Hastings, William Henry, *Jr., Fr.*
 Hatch, Harrison William, *Fr.*
 Haviland, Roger Brush, *Soph.*
 Hawkins, Laurence Kellogg, *Soph.*
 Hayden, Minot Coe, *Fr.*
 Healy, Alan, *Jr.*
 Helfrich, Karl Hoffman, *Jr.*
 Hemphill, Meredith, *Sr.*
 Hendrickson, Theodore Harry, *Fr.*
 Heppenstall, Robert Bole, *Soph.*
 Herbert, James Harold, *Soph.*
 HEWITT, THEODORE BROWN,
Asst. Prof.
 Heywood, Richard, *Jr.*
 Hibbard, Charles Lovejoy, *Jr., Fr.*
 Hildreth, James Eugene, *Fr.*
 Hilton, John Carland, *Sr.*
 Hinton, Charles West, *Soph.*
 Hinton, Longstreet, *Sr.*
 Hiss, James Ludlow, *Sr.*
 Hitchcock, Harold Bradford, *Fr.*

Lefevre, Reid, *Fr.*
 Lehmann, Ranstead Siebert, *Fr.*
 LEIGH, ROBERT DEVORE, *Prof.*
 LEWIS, EDWARD MORGAN, *Trustee*
 LICKLIDER, ALBERT HARP, *Prof.*
 Liddle, James Whiting, *Fr.*
 Liliencrantz, Eric Guy, *Soph.*
 Lindenmeyr, Henry, *Fr.*
 Lindsay, Charles Rogers, III, *Soph.*
 Little, Joseph Simpson, *Fr.*
 Livingston, John Holyoke, *Soph.*
 Livingston, Tracey Kingsbury, *Sr.*
 Livingston, Warren Putnam, *Fr.*
 LLOYD, MERTON RUTH, *Library Asst.*
 Lockner, C. Emory, *Soph.*
 Lockwood, John Edwards, *Soph.*
 LONG, ORIE WILLIAM, *Asst. Prof.*
 Longstreet, Gilbert Wendell, *Soph.*
 Lott, Richard Parker, *Fr.*
 Loucks, John Moore, *Fr.*
 Loughrey, Edwin Ripley, *Fr.*
 Lowes, Marvin McCord, *Soph.*
 Ludeman, Richard Houston, *Fr.*
 Lukens, Charles, *Soph.*
 Lum, Richard, *Jr.*
 Lunt, Denham Colby, *Sr.*
 Lyles, Everett Eddy, *Sr.*

McAneny, Arnold Jacobi, *Fr.*
McAneny, Herbert, *Sr.*
McAneny, Wilbour Kyle, *Fr.*
McConnell, Philip Swain, *Soph.*
McCulloch, Frank Waugh, *Fr.*
McCurdy, Gordon Wallace, *Sr.*
MacDonald, Henry Arthur, *Jr.*
McELFRESH, WILLIAM EDWARD,
Prof.

MCGAUGHAN, MARGARETTE,
Stenographer
McGrath, Robert Hargitt, Jr.
McKean, Jack Becker, *Soph.*
McKelvy, John Erastus, Jr.
McKelvey, Ralph Fairchild, *Fr.*

Mackie, David Ives, Jr., *Fr.*
Mackie, John Milton, *Sr.*
McLane, Robert Ellsworth, *Fr.*
McLAREN, WALTER WALLACE, *Prof.*
McLaury, Daniel Herbert, Jr., *Soph.*
McLaury, John Ellis, *Fr.*
McLean, Edward Cochrane, *Jr.*
MacMaster, Donald Stewart, *Fr.*
McMaster, Malcolm Campbell, *Jr.*
MacMillan, Norman Stuart, *Jr.*
MacMurtrie, John, *Fr.*
Mains, John Thomas, *Soph.*
Makepeace, Russell, *Soph.*
Mallon, Horace Taft, *Jr.*
Manson, Grant Carpenter, *Fr.*
Mantius, Ernest, *Fr.*
March, Charles Lucas, *Soph.*
Marshall, Harry Boyd, *Soph.*
Marvin, Kellogg, *Fr.*
Mason, George Allen, Jr., *Jr.*
Mathias, David Bernard, *Fr.*
Mauck, Frederico Franko, *Fr.*
MAXCY, CARROLL LEWIS, *Prof.*
Maxwell, Charles Edward, *Sr.*
MEARS, BRAINERD, *Prof.*
Mellen, Raymond, *Sr.*
Merriam, Everett Brooks, *Fr.*
Merriam, Winthrop, *Fr.*
Merrill, Ernest, *Jr.*
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